USAFETAC/DS-88/207

SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

RICKENBACKER ANGS TH

PREPARED BY

OL-A, USAFETAC ASHEVILLE, NORTH CAROLINA 28801-2723

FEBRUARY 1989

APPROVED FOR PUBLIC RELEASE DISTRIBUTION IS UNLIMITED

USAF ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

SCOTT AIR FORCE AFB, ILLINGIS, 52225-5438

Best Available Copy

USAFETAC/DS-83/207

SURFACE DESERVATION CLIMATIC SUMMARIES

FOR

RICKENBACKER ANGS OH

PREPARED BY

OL-4. USAFETAC ASHEVILLE. NORTH CASOLINA 28801-2723

FEBRUARY 1989

APPROVED FUR PUBLIC RELEASE DISTRIBUTION IS UNLIMITED

USAF ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

SCUTT AIR FORCE AFB, ILLINOIS, 52225-5438



089 4 26 099

THEMENT AND APPROVAL STATEMENT

USAFETAC/OS-88/207, SURFACE DBSERVATION CLIMATIC SUMMARIES FOR RICK! ANGB JH, FEBRUARY 1989, HAS BEEN REVIEWED AND IS APPROVED FOR PUBLIC RELEASE. THERE IS NO OBJECTION TO UNLIMITED DISTRIBUTION OF THIS DOCUMENT TO THE PUBLIC AT LARGE, OR BY THE DEFENSE TECHNICAL INFORMATION CENTER (DTIC) TO THE NATIONAL TECHNICAL INFORMATION SEPTICATION.

JOSEPH L. ROYTE CHIEF, CLIMATIC APPLICATIONS, OL-A

FOR THE COMMANDER

WALTER S. BURGMANN SCIENTIFIC AND TECHNICAL INFORMATION PROGRAM MANASER

REVIEW AND APPROVAL STATEMENT

JSAFETAC/OS-88/207, SURFACE OBSERVATION CLIMATIC SUMMARIES FOR RICKENBACKER ANG3 DH, FEBRUARY 1989, HAS BEEN REVIEWED AND IS APPROVED FLX PUBLIC RELEASE. THERE IS NO OBJECTION TO UNLIMITED DISTRIBUTION OF THIS DOCUMENT TO THE PUBLIC AT LARGE, OR BY THE DEFENSE TECHNICAL INFORMATION CENTER (DTIC) TO THE NATIONAL TECHNICAL INFORMATION SERVICE (TIS).

TIONS, OL-A

INFORMATION

f-f- -

REPORT DOCUMENTATION PAGE

- 1A. REPORT SECURITY CLASSIFICATION: UNCLASSIFIED
- DISTRIBUTION/AVAILABILITY OF REPORT: APPROVED FOR PUBLIC RELEASE, DIST
- 4. PERFORMING ORGANIZATION REPORT NUMBER: USAFETACZOS-88/207
- 6A. NAME OF PERFORMING ORGANIZATION: OPERATING LOCATION A, USAFETAC
- 68. OFFICE SYMBOL: CA
- 60. ADDRESS: FEDERAL BUILDING, ASHEVILLE, NO 28801-2723
- 11. TITLE: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR RICKENBACKER
- 13A. TYPE OF REPORT: DATA SUMMARY
- 130. TIME COVERED: AUG 1942 TO FES 1998
- 14. DATE OF REPORT: FEBRUARY 1989
- 15. PAGE COUNT: 375
- 16. SUPPLEMENTARY NOTATION: EFFECTIVE 1 JULY 1988, THIS PRODUCT REPLACED T DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER D (FUSSAD) AND THE LIMITED SURFACE DESERVATIONS CLIMATIC SUMMARY (LISTICS). EX RUSSADS AND LISTICS WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE REPLACED BY
- 17. CUSATI CUDES: FIELD--04, GROUP--02
- IR. SUBJECT TERMS: *CLIMATOLISY, METEOPOLISICAL DATA, ATMOSPHERIC PHENOMEN WEATHER, CEILING, CLOUD COVER, SHOW DERTH, HUMIDITY, PRESSURE, PRECIPITATION SNOW, TEMPERATURE, VISIBILITY, WIND, SOCS, *RICKENBACKER ANGB OH.
- 19. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATIS CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPE USAF, CIVILIAN, AND EOREIGN OBSERVING STATIONS. HOUPLY OBSERVATIONS ARE SUM A 10-YEAR REGIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMEROM ALL AVAILABLE DATA IN THE OL-A CLIMATIC DATABASE.
- 20. DISTRIBUTION/AVAILABILITY OF ABSTRACT: APPROVED FOR PUBLIC RELEASE, DI IS UNLIMITED.
- 21. ABSTRACT SECURITY CLASSIFICATION: UNCLASSIFIED
- 22A. NAME OF RESPONSIBLE INDIVIDUAL: WILLIAM R. BOBB
- 228. TELEPHONE: 704 259-0233 AUTOVON 697-8358

22C. OFFICE SYMBOL:

DD FORM 1473

REPORT DOCUMENTATION PAGE

CURITY CLASSIFICATION: UNCLASSIFIED

♥i3N/AVAILABILITY OF REPORT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.

NO DRIGAMIZATION REPORT NUMBER: USAFETAC/OS-88/207

PERFORMING ORGANIZATION: OPERATING LOCATION A, USAFETAC

(MSBL: CA

PROBRAL BUILDING, ASHEVILLE, NC 28801-2723

TPFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR RICKENBACKER ANGB OH

SPORT: DATA SUMMARY

-- 2: AUG 1942 TO FEB 1998

FEBRUARY 1989

15. PAGE COUNT: 375

INTERPOLATION: EFFECTIVE I JULY 1988, THIS PRODUCT REPLACED TWO USAFETACE RELY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER ORSERVATIONS THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOGS). EXISTING EDUCS WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE REPLACED BY A SDCS.

FIELD--04. GROUP--02

TO MISE WOLLMATOLOGY, METEOROLOGICAL DATA, ATMOSPHERIC PHENOMENA, A.D. CLOUD COVER, SHOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION, JULie, VISIBILITY, WIND, SOCS, WRICKENBACKER ANGBIOH.

SURFACE DESERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL
FIES DE SURFACE WEATHER DESERVATIONS TAKEN AND RECORDED AT SPECIFIED
AND EMPEIGN DESERVING STATIONS. HOUPLY DESERVATIONS ARE SUMMARIZED FROM
FOR RECORD (POR). "SUMMARY DE DAY" (SOD) INFORMATION IS SUMMARIZED
ANLE DATA IN THE OL-A CLIMATIC DATABASE.

ITEM/AVAILABILITY OF ABSTRACT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION

MICURITY CLASSIFICATION: UNCLASSIFIED

RESPONSIBLE INDIVIDUAL: WILLIAM R. 8088

: 704 259-0233 AUTOVON 697-8358

22C. OFFICE SYMBOL: OL-A/CA, USAFETAC

for

I

d
lon

ty Codes

ty Codes

Avail and/or
Special

tft

Corre

PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARY (SOCS)
REPLACED THO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE HEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SECSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO SRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISTICS." IT FINALLY BECAME THE NEW "SURFACE DRSERVATION CLIMATIC SUMMARY" OR "SOCS" IN JULY 1989.

THE SDCS (LIKE ITS PREDECESSORS) IS PMEDARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NO 28801-2723. HERE, CLIMATOLOGISTS USE STATE-DE-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE MEATHER OBSERVATIONS COLLECTED FROM SELECTED MILTITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OLTA'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY DEFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COULING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

CONTENTS:

											• •																							
INTR	Bouce	TI) N.																															. 1
	STAT	10	N D	ED	to	1	7 F	R.	co	RI	١																							. 1
	DATA																																	
	TERM			_	-				-				-																					
	TIME																																	
	1989	ĒΥ	ĪΛŢ	10	NS.																													. 2
	SUMM	PAR	ΥC	ES	CR	191	ΓI	JN!	5																									. 2
CTAT	ION	ut.	c t "	104																			_											. 3
5141	1011	/ 1 4	>1 (,	,,,,	••	• • •	• •	• • •	• • •	••	•••	•••	•	• • •	• •	•	• • •	•	•	•	• • •	• • •	•	• •	• •	••	• •	••	• •	• •	• •	• • •	• • •	
	Α -		T ~				. ,							434.1	- T	r :- e	r																	- 1
H441									Nu	THE C	4 /4		()	קריף	\ \ I		. •	• •	• •	• •	• •	• •	•	• •	• •	• •	• •	• •	• •	• •	• •	• • •	ı — 1	1
	SpEC									_			_	_		_																		
																																		-1
		PE.	RCE	NT	- 01	CCL	JRE	361	NCE	F	RE	31	151	VC Y	' (F	₹D:	4 9	וחי) :) Δ [4										/	4 - 3	-1
		PSI	ROF	NT	n	10.0	IR 4	₹ ₹	4CF	۲	2 F	ou.	ıe.	1 C Y	′ (TH	4U1	IDE	R 9	Tí	181	15.1										/	4 - 4	- 1
																																		5 - 1
		• -	. 50		, , ,	4.7	٠,			• ,			•													٠,	••	••	• •	•	•	•	` -	_
2427	٠		. – c			A T T			٠.,	0	r .					٠,		, ,) T :	, •												•	
	D5E0		7 E C	. 1 :-	(3.5)	411		4.9	314	1314	F 1		•	4.	.)	2	4.1	•	1; ~	- 1 !	, ,	• •	•	• •	• •	• •	• •	• •	• •	• •	•	• • ′	· - 1	. – 1
	., < C												_																					
																																		? - 1
		AÜ,	NTH	ILY	T	OT A	AL S	5.,									• • •	• •														• • •	3-2	2-2
		04	ILY	Ë	XT:	₹5%	18 9	5.																								• 6	3 - 2	7-3
	SMOW	FAI	1																															
			RCE	NIT	(1)		124	۱ <u>۽ د</u>	ICE	E	9 5	1	16.	10 V	,																	(ì - :	1 - 1
		M)																																
) - Z
					A 1 '	4 E M	10:) • (• • •	• •	• •	• •	•	• • •	• •	•	• • •	• •	• •	• •	• • •	• • •	•	• •	• •	• •	• •	• •	• •	• •	•	• • •	3 - 3	,- 3
	SNON																																	
			_		-		_							-									-											-1
		JA	ΙLΥ	, E	XT:	۱ع۶	1E S	S				٠.	•									٠.										:	3-4	-2
	SNON	FAI	LL/	'SN	NU	DΕ	2	ТН																										
		FI	2 5 ₹	Δ	งก	1.4	51	T (ΔΥ	ς	ne.	· r	100	CHE	96	-M	CF.	91	, ,	N'	าพ -	- Y F	Δſ	₹								٠. ١	۹ – ۶	- 1
		•			•					•				•				.,	•			• •			• •	• •	• •		•	•				•
3491	· ŗ -	. 6	. to c		٠ ج	.1 T K	15																											
* A * 1	PLAK	الجد	y min	AC	7 - 1	3 1 P	, U	:																										
	PEAK																																	
	AINO	0.	I RE	CT	10	4 A	15	W	140	S	μE	ΈĐ		P C	۱F	(F	-30): <u>(</u>	H.) (J	۲L۱	1 .	135	5),		• •		• •	٠.		•	(-4	-1
		1-																																
PART	n -	· c':	= [1.	IN	G.	VI	131	181	LI	ΤY	Δ	ND.) (SKY	. 0	:ov	/ FS	•				-												
	CETL																		90	151	١											r	1-2	-1
	SKY	601	150		on:	= 1		·		o.	Ut	~ `	200					•	.*		•	•	• •	• • •	•		• •	•	•	•••	•	•		1
	31	ا درا ب	・しへ			٠,		٠ 🕶	, ,,	O	ਾ ∟		J.	. J I	• •					• •			• •	• •	• •	• •	• •				• •	• • :	,	

My 7

04.17		\$. MD.	 T		~ ·	NA	3.5		T (.					. .													_1
PART	TEMP	100	THE C	(A.4.)	2-	E A	(12) 11 A	SE Tru	A	e a i	9 C 5 - 4	7	ini.	o I	1 T 4	**	 T .		• • •	• •	• • •	• •	• •	• • •	• •	• •		-1-1
	i Em																										_	_ 2 _ 1
		MAX	1 74		• •	• • •	• •	• • •	• •	• •	• • •	• • •	• •	• • :	• • •	• •	• •	• •	• • •	• •	• • •	• •	• •	• • •	• •	• •	يا و ه -	-2-1
																												-2-2
	. ~	_													• • •	• •	• •	• •	• • •	• •	• • •	• •	• •	• • •	• •	• •	• • t	-2-3
	MOM																											
																												- 3-1
																												- 3-2
																										• •	• • 5	-4-1
	DEA																											
																												-5- <u>1</u>
		∀€ 1	BL	凡3。	• •			٠.,		• •	٠.,						• •	٠.			• •					• •	•••	-5-2
		054	PC	IINI	• •						٠.,							٠.								• •	• • -	-5-3
	マビレカ	TIV	1E +	IPU	1C	ΤY	(Fi	ROM	! н	UU	RLY	()	13 S)														
		City	tUL A	TIV	E !	PER	CE	NT.	00	CU:	388	:NC	E	E 5	E-21,	18 4	CY	٠.									E	-5-1
		×-,-																										
2497	Έ	ρ,	ESS	URE	3.0	reg	M	HOU	JRL	γ .	<u> </u>	5).															F	-1-1
																												-2-1
																												- 3- i
																												-4-i
	, .,						• •	• • •		• • •	• • •		• •	• • •	• • •	• • •	• •	••	• • •	• •	• •			• • •	•	- •	• • •	٠.
0497	- C	. cî	์กรร	WIN.	in:	SHM	МΔ	21F	: 5	(=:	274	a P	m	Q; I	γ.	13 द	١.										G	-1-1
٠.	0000	าดรัฐ	ำกัก	CHO	25	NOF		> r n	ure.	Vic.	, ,	٠,	, ,,,			120	•	•••	• • •	• •	•	•	• •	• • •	• .	••	•••	-2-1
						• • •		* Ca 18		10	•		• •	• • •		• •	• •	• •	• • •	••	•••	• •	• •	• • •	••	• •	•••	. z = 1
PAKT		. he	201	<i>a</i> 5		CII	un.	A D T	. c	11	2 3 m	111	ulan	6621	J	10	c s										اب.	-1-1
- 431		J.L. C.P.A.L.C	. ラベゼ - かに	נו בי	# T	 V A r	. T	** ** *	3	• ('	A :.	111	1113		- 1	J) (3	ונ	• •	• • •	• •	• • •	• •	••	• • •	• •	• •	••7	-2-1
	UUIL	. I 'VJ	95	5 * f	- 1	J 14 T	~ •	• • •	• •	y••	• • •	• • •	• •	• • •	• • •	• •	• •	• •	• • •	• •	•••	• •	• •	• • •	• •	• •	• • •	-3-1

A (FK)

INTRUDUCTION

STATION PERIOD OF RECORD.

HOURLY OPSERVATIONS: MARCH 73 THROUGH FERRHARY 38 (ATEWAYS).

SUMMARY OF DAY DATA: AUGUST 42 - SEPTEMBER 49, FEBRUARY 51 - FEBRUARY 66 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOUMLY DESERVATIONS" AND/ OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENDMENA OR DOCURRENCE SEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

- BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DIST TRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DIST TRIBUTION OF CEILING AND VIBIBILITIES IN PART D. EACH ROW AND FACH COUP-UMN OF A BIVARIATE DISTRIBUTION IS A PRESUENCY DISTRIBUTION. JOINT PRESE URNOISS ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.
- HOURLY DESERVATIONS: ALL PECORD OF PECOPE-SPECIAL DESERVATIONS ON AWS FORMS 10/104 (OR TOUTVALENT) AT SCHEDULED HOURLY INTERVALS.
- CUMMARY OF DAY (\$70) DATA: BATA COMPTIED F-OM ALL AVAILABLE DESCRIVATIONAL STUPERS, INCLUDING HOUPLY UNSCRIVATIONS, SPECIAL DESCRIVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44 -73 OF AWS FORMS 10/104 (OF FOUTVALENT) FOR ANY GIVEN DAY.
- MEAN: THE SUM DE ALL THE VALUES SIVIDED BY THE MUMBER OF VALUES.
- MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWBALL AMOUNT GEFATER THAN A TRACE.
- MEDIAM: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING DROER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAM IS HALFWAY RETWOEN THE TWO MIDDLE VALUES.
- PERCENT DOGURRENCE EREQUENCY (PDE): IN STATISTICS, EREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT DOCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT DOCURRENCE EREQUENCY (PDE), WHERE THE FREQUENCY (NUMBER OF DOCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE DOCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FUR EXAMPLE, IF SHOW FELL UN 5 OUT OF 100 DAYS WE COULD EXPRESS THE MPERCENT DOCURRENCE PREQUENCYM OF SHOW AS A PERCENT DVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEARLY WITH MPERCENT PREQUENCY OF DOCURRENCE.
- PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOOS ARE EXPRESSED IN LOCAL STANDARD TIME (UST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW OTURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL EST):

3000-0200	1200-1400
0300-0500	1500-1700
9509 - 9830	1909-2000
0900-1100	2100-2300

ARSKEVIATIONS USED:

1-17	1 + 7. P4T	LT	LESS THAN
1212	AMNUAL	ū	METER
1A+2	SAMOMETER	мŊ	MILLIBAP
C	SHATISHADE (CELSIUS)	M.3 5	METERS PER SECUND
^ <u>_</u>	the gradule	45L	MEAN SEA LEVEL
13.41	GRY BULH TEMPERATURE	MEAS	MEASURABLE
) 19	OF A POINT TEMPORATIRE	N 1.	યુ ામલુક ટ
€ ·}	T JUAL	705	OBSERVATION
::	FANRENHEIT	38 51	19 STRUCTION
F216	FPSCZ1NG	၁၂။	PERCENT OCCURRENCE FREQUENCY
FŢ	€55T	PREC I P	PRECIPITATION
- 5 y	GREATER THAN OR PAULAD TO	50	STANDARD DEVIATION
1	SPECIALISM MEAN TIME	620	SUMMARY OF DAY
3.7	GREATER THAY	† 5.00	TEMPERATURE
44	INCHES OF MERCURY	TSTM	THUMDERSTORM
41	HEIGHT	VS5Y	VISIHILITY
×15	KNRITS	A 2.1	VISION
្ន	LESS THAT IP EDUAL TO	n d ≺	WET HULB TEMPERATURE
LST	LICAL STANDARD TIME	$A \cap A \cap A$	185 F 124 10/134
	•	UTC	*COGROTATED UNIVERSAL TIME

SUMMARY OF SCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SICS.

* STC REPLACED SMT Dr. 1 AUGUST 1963

STATION NO.	STATION NAME	ECUTITAL	L MISITUDE	LFD LFEA (t
ON SUMMARY 724295	RICKENBACKER ANGB DH/COLUMBUS	N 39 49	W 082 56	744

	ST	ADCA MOITA	CHA HOLT	INSTRUMENTA	OTRIP NOTE	९ Ү
นูนูลร		TYPE	AT THIS	LOCATION	4.4717000	. 20017-105
OF LOC	GENGRAPHICAL LOCATION & NAME	OF STATION	FRIM	10	LATITUDS	LONGITUDE
1	PO SUBMUJOONSAA BEEUGEROOL	4AF	JUL 42	MAY 48	14 39 49	₩ 032 56
2	LUCKBRURME AFS. OH (STA CLRSED RO SER 49)	AF3	J0N 48	SEP 49	SAME	SAME
3	SAME (25-407 21 MAR 50)	SAME	MAR 50	FEB 51	SAME	SAME
4	SAME	SAME	FER 51	APR 53	SAME	SAME
5	SAME	SAME	APR 53	MAY 74	SAME	SAME
į.	PICKENDACKER AFR OH	SAME	44Y 74	APR 89	SAME	SAME
7	PICKINGACKEP ANSB OH	ANG9	4 PR 90	JAN 55	SAME	SAME

-lado	DATE DE	SUPPACE WIND EQUIPMENT IN	FORMATION		
LOC	CHAMPE	LOCATION	TYPE OF TRANSMITTER		
1	1 20 53	THE TOO GE TOWER	SELSYN	7L-144	og et
?	100 54	ATON RASEONS TOWER	SAME	SAME	H2 FT
3	** A = = = = =	2 V m L	SAME	SAME	115 FT
4	MAR 56	750' SE CTRLINE 35 RNWY	AN/GMG-11	RO-2	15 FT
17	448 57	SAME	SAME	SAME	13.5 FT
5	MAR 61	1300' SH RHAY 23, 500' NW CTRLN	SAME	SKME	SAME
7	pro ca	1. 13001 FROM END AND 5001 LOF CTRLING RAWY 23L	SAME	SAME	SAME
		2. 1000' FPOM END AND FOO! R DE CTREINE KNWY 058	SAME	SAME	SAME
3	JUL 70	182: SAME	AN/343-20	PN=352	SAME
9	JAN 32	1. 1900' FROM END RNWY 23L, 500' FROM CTRLINE	SAME	SAME	13.5 FT
		2. 1000' FROM END RNWY 05R, 500' FROM CTRLINE	SAME	SAME	SAME
10	JAN 39	SAME	SAME	SAME	SAME

195		ĻΛ	TITUDE L'	NGITUDE	FLO FLEV (FT) CALL S	IGN WWO	NMBR
JHZ	DEUMBUS	n	39 49 W	082 56	744	LCK		
STA	TION LOCA	CNA NCIT	INSTRUMENTA	OTZIH NCITA)RY			
ec.	TYPE OF		PULTABLE		LONGITUDE	ELEV ABO	VE MSL	OBS PER
,,,	STATION	FROM	10	CATTIOUS	LUNGITUDE	FLO (FT)	BARD (FT)	DAY
	AAF	JUL 42	MAY 4B	N 39 49	W 092 56	738	741	24
	AFJ	JUN 48	SEP 49	SAME	SAME	SAME	SAME	24
	SAME	MAR 50	FEB 51	SAME	SAME	SAME	N/A	NONE
	SAME	FEB 51	APR 53	SAME	SAME	SAME	741	24
	SAME	4PR 53	MAY 74	SAME	SAMÉ	SAME	744	24
	SAME	44Y 74	APR 80	SAME	SAME	744	744	24
	4463	APR BO	JAN 83	SAMÉ	SAME	SAME	SAME	24

IND EQUIPMENT IN	FORMATION			OFMACKS	100111000	
	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND		ADDITIONAL REASON FOR	
	SHLSYN SAME SAME	ML-144 Same Same	92 FT 82 FT 115 FT	• • • • • • • • •		
in Rumay Caranta Caranta	AN/GMQ-11 SAME SAME	RO=2 SAME SAME	15 FT 13.6 FT SAME			
500! NW CTRLN (44) 500! L AF	SAME	SAME	SAME			
100 FOOF & OF	SAME	SAME	SAME			
, KAMY 23L.	AN/GM2-20 Same	RN=362 Same	SAME 13.5 FT			
: 역사/Y 05R+	SAME	SAME	SAME			
	SAME	SAME	SAME			

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TOPNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1963, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FUG: INCLUDES ALL REPORTED FOG. ICE FOG. AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OP COMBINATIONS OF THE TWO.

SUDWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING ORIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BEDWING DUST, BEDWING SAND, OR COMBINATIONS OF THESE.

BETWING SPRAY: THE MALE OBSTRUCTIONS TO VISIONM CATEGORY ACCOUNTS FOR BLOWING SPRAY: IF AND AS REPORTED.

ALL UBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY ORSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HUUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- MY YEAR (ALL YEARS AND ALL HOURS COMMINED).

- SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (PDF).

 LAIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY DE DAY
 DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.
- THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.
 THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOUPLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.
- SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.
 THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.
- NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECURD (IN AMS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST OPDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOR AMD HAZE, ONLY THE PAIN WAS TRANSMITTED. PECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.
- MOTE 2: FOREIGN METAR REPORTING STATIONS ERROUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO MISION WHEN VISIBILITIES EXCRED 1000 METERS.
- $_{\rm NS}$ TE 3: A VALUE OF ".O" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

OPERATING LOCATION MAMOON PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMEN USAFETAG, ASHEVILLE NO FROM HOURLY OBSERVATIONS

	,									
STATION	NUMBER:	724285	LST TO) UTC: + !	5				HIMOM:	
HOURS (LST)	TSTMS	LIQUID	FREEZ		HAIL	PSECID VFF	FOG	SMOKE SZJR HAZE	SMUM STUMING	TRUC TRUC SONS PRO OT COME
00-02	• • • • • • •	6.0	• 6	14.9	• • • • • • •	21.6	16.3	4.2	3.1	45.3
03-05				15.6			15.1		2.5	44.5
06-08		7.3	1.1	15.8		25.2	20.0	5.7	1.9	5 2 • 9
09-11		6.5	• 4	17.0		24.5	22.0	12.0	2.3	61.4
12-14		5.3	• 2	13.9		19.4	14.6	11.8	1.7	47.7
15-17		5 . A	• 5	13.9		20.1	10.9	9.9	2.0	41.5
18-20		3.9	8 .	12.6		17.2	13.7	8.1	2.5	41.4
21-23		5.5	•5 ·	13.0		19.1	14.1	5.8	2.8	41.3
ALL HOURS		5.7	.6	14.9	•••••			7.6		47.1
									MONTH:	
00-02	•••••	7.9		9.7	• • • • • • •	13.1		3.5		42.9
03-05	• 2	7.8	• 6	13.0		21.3	21.1	2.6	1.6	46.5
06- 08	. 1	9.3	. 7	12.0		22.0	24.9	6.3	1.5	54.7
09-11		7.1	• 9	14.3		22.3	25.0	12.7	1.5	61.5
12-14		A • 5	.4	11.9		20.7	17.6	10.8	2.4	51.5
15-17	• 1	9.0	• 1	10.0		19+1	15.9	a.7	2.1	45.8
18-20	. 1	10.0	• 1	10.9		21.0	18.3	7.3	2.4	49.0
21-23	• 4	0.8	. 8	9.7		18.6	18.7	5.1	2.1	44.4
ALL HOURS	.1	3.4 ••••••	.5	11.4	•••••	20.4				49.6

The second control of the second control of

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

UTC: + 5	ENBÄCKER AND			MONTH:	JAN	AR 73 - FEB 88
PROZEN HA PROCEP	IL ALL PRECIP	FOG	SMOKE &/OR HAZE	SUDWING SNOW	DUST ALL &/OR OBS SAND TO V	·
14.9	21.6	16.3			45.	3 930
15.5	22.7	15.1	4.3	2.5	44.	6 930
14.9	25.2	20.0	5.7	1.9	52.	8 930
17.0	24.5	22.0	12.0	2.8	61.	4 930
13.9	19.4	14.6	11.8	1.9	47.	7 930
13.9	20.1	10.9	3.9	2.0	41.	930
13.6	17.2	13.7	8.1	2.5	41.	4 930
13.0	19.1	14.1	5.8	2.8	41.	8 930
14.9	21.2	15.8	7.6	2.5	47.	1 7440
				:HTMCM	FFA	-
9.7	13.1	19.7	3.5	1.5	42.	9 849
13.0	21.3	21.1	2.6	1.6	46.	6 849
12.0	22.0	24.9	5.2	1.5	54.	7 849
14.3	22.3	25.0	12.7	1.5	61.	5 849
11.9	20.7	17.6	10.8	2 • 4	51.	5 849
19.0	19.1	15.9	8.7	2.1	45.	8 849
10.9	21.0	18.3	7.3	2.4	49.	0 847
9 .7	18.5	18.7	5.1	2.1	44.	4 846
11.4	20.4	20.1	7.1	1.9	49.	6 6787
	• • • • • • • • • • •	•••••	•••••	•••••	• • • • • • • • • • • • •	•••••

--- PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS "THOSPHERIC PHENOMEN! OPERATING LOCATION "A" FROM HOURLY OBSERVATIONS USAFETAC, ASHEVILLE NO *** STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 LST TO UTC: + 5 MONTH: MAR -HOUR'S TSTMS LIJUID FREEZ FROZEN HAIL ALL FOG SMOKE BLOWING DUST ALL (LST) PRECIP PRECIP PRECIP PRECIP &/OR SNOW S/DR DBST HAZE SAND TO VSN 00-02 18.9 2.5 38.9 . 3 12.5 6.5 17.2 • 3 03-05 5.7-18.9 17.6 2 4 12.9 • 3 1.6 38.4 06-08 . 2 10.2 5.9 24.4 5.9 . 3 46.9 . 1 16.2 09-11 . 5 9.7 14.5 17.0 11.7 .5 43.8 4.8 12-14 • 1 7.8 3.4 11.3 11.7 8.2 31.6 15-17 . 3 9.4 12.0 7.5 . 3 2.4 11.7 31.6 18-20 1.0 12.8 15.1 3.8 16.5 6.6 • 3 38.5 . 3 5.7 15.8 35.7 21-23 11.0 16.7 3.0 . 2 ALL HOURS 10.8 . 1 15.6 16.4 .3 38.2 MONTH: APR 00-02 9.3 10.6" ---10.7 1.3 1.2 22.6 03-05 • 3 10.2 1.4 11.7 15.0 1.2 . 2 28.1 06-08 . 7 10.9 27.0 2.2 13.1 7.6 . 3 45.0 09-11 • 2 10.2 2.2 12.4 14.9 . 3 . 2 36.3 . 7 12-14 10.0 1.3 11.3 7.2 4.2 • 1 22.9 15-17 1.1 10.4 . 9 . 1 11.4 5.1 3.2 . 3 20.1 11.7. 18-20 1.6 11.1 • 6 7.2 3.2 22.4 • 3 21-23 11.3 1.2 12.6 7.7 22.9 2.3 • 3 ALL HOURS . 7 10.4 27.9 .0 11.8 . 3

A - 2 - 2

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

1	N NAME:		ACKER AN	GB ОН		PERIOD MONTH:		D: MAR	78 - FEB 88
	FROZEN PRECIP	HAIL	PRECIP		&ZDR HAZE	SNOW	DUST EZDR SAND		TOTAL NO. OF OBS
	6.5	•••••	18.9	17.2	2.5	.3	• • • • • • • •	38.9	930
1	5.7		18.9	17.6	1.6	.2		38.4	930
	5.9		16.2	24.4	5.0	. 3		46.9	930
	4.3		14.5	17.0	11.7	• 5		43.8	930
	3.4		11.3	11.7	8.2	. 4		31.6	930
	2.4		11.7	12.0	7.5	. 3		31.6	930
1	3.8		16.6	15.1	6.6	.3		38.5	930
	5.7		16.7	15.8	3.0	•2		35.7	930
1	4.8	• • • • • •	15.6	16.4	5.9	.3		38.2	7440
1					• •	:HTMCM	APR		
ľ	1.2	• • • • • • •	10.6	10.7	1.3			22.6	900
1	1 • 4		11.7	15.0	1.2	• 2		28.1	900
1	2.2		13.1	27.0	7.6	. 3		48.0	900
9	2.2		12.4	14.9	8.4	. 3	. 2	36.3	900
1	1.3		11.3	7.2	4.2	•1		22.9	899
1	• 9	•1	11.4	5.1	3.2	.3		20.1	900
٩	• 5		11.7	7.2	3.2	• 3		22.4	900
1	1.2		12.6	7.7	2.3	.3		22.9	200
4	1.4	•0	11.8	11.8	3.9	.3	•0	27.9	7199
I									

OPERATING LOCATION "A" USAFETAC. ASHEVILLE NG

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMET / FROM HOURLY DRISERVATIONS

STATION	NUMBER:		LST TO	UTC: +	5				MONTH:		3
HOURS (EST)	TSTMS	FIGUID	PRECIP	FROZEN PRECIP	HAIL	PRECIP	FOG	SMOKE &/JP HAZE	SNOW SNOW	&/OR J9ST Sand to VSN) (
00-02	1.1	9.4	• • • • • • •	•••••	••••••	9.4	20.6	5.9	•••••	35.9	• (
03-05	. 4	11.0				11.0	30.8	7.0		48.7	
06-08	• 5	11.8				11.2	35.0	14.5		62.3	ļ
09-11	• 3	11.5				11.6	13.6	17.8		48.1	
12-14	1.4	9.9				9.9	8.0	11.9		29.8	
15-17	3.2	10.0				10.0	7.2	10.3		27.5	
18-20	3.1	9.9				9.8	9.1	9.0		28.0	
21-23	2.4	9.8				9.8	15.2	9.2		34.2	
ALL HOURS	1.5					10.4				39.3	••
•••••									MONTH:	JUN	
00-02	2.3	5.0	• • • • • • •	•••••	• • • • • • • •	5.0	17.3	14.0	• • • • • • • •	36.3	••
03-05	1.7	4.9				4.9	35.0	14.2		54.1	
06-08	1.1	5.0				5.9	35.9	21.2		54.0	
22-11	. 9	4.7				4.7	10.9	25.8		41.3	
12-14	1.3	5.3				5.8	4.1	18.6		28.4	
15-17	3.4	5 • 7				6.7	3.3	15.1		26.1	
19-20	4.3	5.1				5.1	4.2	16.1		26.4	
21-23	5.1	6.2				6.2	10.1	15.9		32.2	
ALL HOURS	2.6	5.7			•••••	5.7		17.7	•••••	38.6	••

The second secon

4 - 2 - 3

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY DASERVATIONS

1

71.5	DU NAME: F Dutc: + 5	RICKENBACKE S	R ANGE	១ ១ ម		PERIOD MONTH:	OF RECORD	: MAR 78	- FEB 88
30	PROZEN PRZSIP				SMOKE &/DR HAZE	SUIMING MENS	-	ALL OBST TO VSN	TOTAL NO. OF OBS
ž		9	•4	20.6	5.9	• • • • • • •	• • • • • • • •	35,9	930
;		11	.0	30.8	7.0			48.7	930
7.		11	. a	35.0	14.5			52.3	930
73	ł	11	• 6	13.6	17.8			48.1	930
7.7		9	•9	8.0	11.9			29.8	930
13		10	• 0	7.2	10.3			27.5	930
3 4		9	. 8	9.1	9.0			28.0	930
		9	. 5	15.2	9.2			34.2	930
, 4, , 4		10	. 4	18.2	10.7	• • • • • • •		39.3	7440
						MONTH:	JUN		, and
		5 · · · · · · · · · · · · · · · · · · ·	.0	17.3	14.0		• • • • • • • •	36.3	900
		4	• 9	35.0	14.2			54.1	900
)		5	• 9	35.9	21.2			54.0	900
<u>ن</u>		4	. 7	10.9	25.8			41.3	900
,		5	. 8	4.1	18.6			28.4	900
2		6	. 7	3.3	15.1			26.1	900
Q.		5	• l	4.2	16.1			26.4	900
		6	• 2	10.1	15.9			32.2	900
?		5	• 7	15.2	17.7	• • • • • • •	• • • • • • • •	38.6	7200
1						,			

DPERATING LOCATION MAN USAFETAC, ASHEVILLE NO

.1 . . .

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMI FROM HOURLY OBSERVATIONS

STATION	NUMBER:		LST TO	UTC: +	5	ACKER ANG			MONTH:		MAR 71
HOURS (LST)	TSTMS	64ECI5 FIGHTD	escole Eseez	PRECIP	HAIL	ALT PRECIP	FOG	SMOKE RZOR HAZE	MONS	DUST AL 8/OR 08 SAND TO	ST VSN
		4.1	• • • • • • •	• • • • • •	• • • • • • •			26.2	• • • • • • • •	59	.8
03-05	1.2	4.0				4.0	43.9	21.8		69	.7
06 − 03	• 0	5.6				5.6	50.8	28.7		35	• 1
09-11	• 5	5.5				5.6	14.1	33.5		53	. 2
12-14	1.9	5.5				5.5	4.0	30.0		39	• 5
15-17	3.8	5 , я				5.8	3.0	25.4		34	• 2
18-20	3.2	4.3				4.8	5.6	26.6		37	• 0
21-23	2.5	4.7				4.7	14.4	31.0		50	. 1
ALL HOURS	2.3	5.0				5.0	20.6	27.9		53	6.6
• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • • •	••••
	• • • • • • • •								:HTMCM		
00-02	2.3	5.5				5.5	33.4	24.3		63	1.2
23-05	• 9	4.5				4.5	46.3	21.7		72	7.7
25-2R	• 0	5.3				5.3	50.9	25.9		9.2	• 0
09-11	1.2	4.2				4.2	18.6	42.4		65	. 2
12-14	1.5	5.0				6.0	5.3	32.4		4.3	. 7
15-17	4.1	5.5				5.5	3.9	27.6		36	. 3
18-20	3.3	5.1				5.1	4.9	30.8		40	9
21-23	2.4	5.2				5.2	17.4	27.7		50	. 3
ALL HOURS	2.1	5.2	•••			5.2	23.8	29.1		56	.1

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

NAME: RICKENBA				PERIOD MONTH:		D: MAR 7	79 - FEB 88
FROZEN HATE PRICIP	ALL PRECIP	FOG	870R H47E	SNOM	&ZOR SAND	TO VSN	08.5
	4.1		26.2		• • • • • • • •	59.8	930
	4.0	43.9	21.8			69.7	930
	5.5	50.8	28.7			35.1	930
	5.6	14.1	33.5			53.2	930
	5.5	4.0	30.0			39.5	930
	5•8	٥.۶	25.4			34.2	930
	4.ಕ	5.6	26.6			37.0	930
	4.7	14.4	31.0			50.1	930
	5.0	20.6	27.9	•••••	• • • • • • •	53.6	7440
				MANTH:	AUG		
	5.5	33.4	24.3	• • • • • • •	• • • • • • • •	63.2	930
	4.6	46.3	21.7			72.7	930
	5.3	50.9	25.0			92.0	930
	4.2	18.6	42.4			65.2	930
	6.0	5.3	32.4			43.7	929
	5.5	3.3	27.6			36.9	930
,	5.1	4.9	30.8			40.8	930
	5.2	17.4	27.7			50.3	930
	5.2	23.8	29.1			58.1	7439

} .

74

OPERATING LOCATION "4" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHEN-FROM HOURLY OBSERVATIONS

		724285	LST TJ) UTC: +	5				PERIOD (SEP	
HOURS (LST)	TSTMS	SSUCTS FIJATO	PRECIP	PROZEN PRECIP	HAIL	PRECIP			SMJ4 BFDMIAG	DUST EZTR SAND	
00-02	.2	4.0	• • • • • • •	••••••	• • • • • • •	4.0	26.1	14.1	• • • • • • • •	• • • • • • •	44.2
03-05	.3	4.3				4.3	39.9	10.4			54.7
16- 03	. 1	3.8				3.0	54.7	14.3			72.1
09-11	• 1	5.2				5.2	19.7	27.2			52.1
12-14	• 8	4.4				4.4	4.1	16.2			24.3
1=17	1.2	₹.3				5.3	2.7	12.1			20.3
18-20	. 7	5.1				5.1	7.3	14.8			27.2
21-23	• 9	4.3				4.3	13.7	15.4			34.4
MEL HOURS	.5	4.5						15.7		• • • • • • •	41.2
									чомти:		ļ
00-02	.1	10.5	• • • • • • •	•••••		10.6		3.1	• • • • • • • •	• • • • • •	35.1
03-05	.2	1 • a				4.9	25.4	l • "			37. 2
15- 07		3.0				0.4	34.4	3.7			49.7
09-11		3.7				ម.7	21.9	12.9			43.5
12-14	. 1	5.9				6.0	9.5	10.3			27.1
15-17	. 2	7.1				9.1	1.0	7.1			?5.4
18-20	• 5	9.4				9.9	12.4	5.2			28.5
21-23	. 1	÷.6				8•6	14.1	4 • ^K			27.2
ALL HOURS	• 2	9.2		. • • • • • • •	•••••	9.2		_	•••••	•••••	34.2

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMUSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

. MAME: RICKENBACKER 4			PERIOD MONTH:		MAR	78 - FEC 88
TNBZEN HATE ALE	FUG	5/3R HAZE		\$\J\$	ALL DBST D VSN	TOTAL NO. DE OBS
4.0	26.1				44.2	900
4.3	39.9	10.4			54.7	900
3.0	54.1	14.3			72.1	900
5.2	19.7	27.2			52.1	900
4.4	4 • 1	16.2			24.3	900
S.3	2.1	12.1			20.3	900
5.1	7.3	14.8			27.2	900
4.3	13.7	15.4			34.4	900
4.0	21.0	15.7		• • • • • • • • • • • • •	41.2	7230
			^ल ीप् र मः	net		
10.6	21.3	3.1	•••••	• • • • • • • • • •	35.1	930
વુ•ગ	25.9	1.5			37.2	930
9 . a	36. 1	3.7			49,2	237
8.7	21.9	12.9			43.5	930
6.7	4,5	10.3			27.1	930
9.1	2.1	7.1			25.4	430
9.9	12.4	5.2			28.5	930
ñ•6	14.1	4 • ^{t:}			27.2	930
9.2	18.8	5.2	••••		34.2	7440

.

OPERATING LOCATION MAN USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC P FROM HOURLY OBSERVATIONS

			LST TO	ON NAME: F O UTC: + S	5				монтн:		-
HOURS (LST)	TSTMS	psccib rianin	PREEZ PRECTA	PSECIP PSECIP	HAIL	ALL PRECIP	FOG	SMOKE SZOR HAZE	SNOW	DUST EZOR SAND	
00 - 02	.4	13.2		2.0	• • • • • • •	.15.2			• • • • • • • • • •	• • • • • • •	36
03=05	. 1	14.1	. 2	1.9		16.2	20.8	2.8			39
05=0 ⁹	• 3	15.7	. 1	2.2		18.0	23.2	5.8			52
09-11	• 2	14.1		2.9		17.0	24.9	13.2			55
12-14	• 2	14.1		2.9		17.0	15.8	9.3			43
15-17	• 3	13.1		1.3		14.9	13.3	7.4			34
18+26	. 1	12.9		1.7		14.6	15.0	5.8			35
21-23	• 2	12.4		1.9		14.3	16.7	3.3			34
4EE H()URS	• 2	13.7	-	2.2		15.9					41
									нтиск	مدر	
00-02		11.9		5.4	• • • • • • •	18.1	21.4	2.0	.2	• • • • • • •	41
03-05		12.7	• 5	5.0		18.7	22.8	2.7			44
35 - 3∺		13+1	• •	4.0		20.0	25.1	3.2			4 =
09-11		12.6	.1	10.0		22•7	26.2	5.5	• 4		55
12-14		11.0	• 2	9.0		20.2	19.1	5.9	1.2		46
15-17		12.4	• 1	3 • 1		20.5	19.4	5.1	1.1		46
18-20		10.1	• 3	7.3		17.7	21.1	4.6	• 2		43
21-23		"•3	. 4	5.8		14.5	20.0	3.3	•1		3 €
ALL HOURS	••••	11.5	.5	7.1	•••••	19.1			.4		45

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

NAME: RICKENS				MONTH:	VOV		79 - FEB 88
PROZEN HAIL	PRECIP	FOG	SMOKE &ZOR H&ZE	BLOWING SNOW	DUST &/OR SANO T	ALL OBST O VSN	
2.0	.15.2			• • • • • • • •		36.6	900
1.9	15.2	20.8	2.8			39.8	900
7.2	18.0	23.2	5.₽			52.0	900
2.9	17.0	24.9	13.2		•	55.1	900
2.9	17.0	15.8	9.3			43.1	900
1.3	14.9	13.3	7.4			36.1	900
1.7	14.6	15.0	5.8			35.3	900
1.9	14.3	16.7	3.3			34.3	900
2.2			6.4				7200
				M3NTH: 1	050		
n a a a a a a a a a a a a a a a a a a a				•2		41.7	
5.0	13.7	22.8	2.7			44•2	930
~• O	20.0	25.1	3,2			48.3	930
19.0	22.7	26.2	6.5	• 4		55.8	930
9.0	20.2	19.1	5.9	1.2		46.5	930
3 • 1	20.5	19.4	5.1	1.1		46.1	930
7.3	17.7	21.i	4.6	. 2		43.7	930
5.8	14.5	20.0	3.3	• 1		38.0	930
7.1	19.1	21.8	4.3	. 4		45.5	7440

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY DESERVATIONS

STATION	NUMBER:	724285	LST TO	3 UTC: +	5	BACKER ANG			HOURS:	ALL	RD: MAR	75 -
HTNOM	TSTMS	DKECID FIGUID		FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/JP HAZE	BLOWING SNOW		ALL DBST TO VSN	TO' N
JAN	*****	5.7	• 0	14.9	• • • • • • • •	21.2	15.8	7.6	2.5	••••••	47.1	,
FEB	• 1	8.4	•5	11.4		20.4	20.1	7.1	1.9		49.6	
MAR	• 4	10.8	• 1	4.3		15.6	16.4	5.9	. 3		38.2	
APR	. 7	10.4		1.4	•0	11.8	11.8	3.9	. 3	• 0	27.9	
МАЧ	1.5	10.4				10.4	18.2	10.7			39.3	
JUN	2.5	5.7				5.7	15.2	17.7			38.6	
JUL	2.0	5.0				5.0	20.6	27.9			53.6	
AUG	2 • 1	5.2				5.2	23.8	29.1			58.1	
2Eb	• 5	4.5				4.5	21.0	15.7			41.2	
100	• 2	9.2				9.2	18.8	6.2			34.2	
404	• 2	13.7	• 0	2.2		15.9	19.3	5.4			41.5	
530		11.6	•5	7.1		19.1	21.8	4.3	• 4		45.5	
AMMAR	• 9	₹.4	•1	3.4	.0	12.0	18.5	11.9	. 4	• 0	42.9	વ

CENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

C: XI + 5	CKENBA	CKER ANG	в пн		PERIOD HOURS:		D: MAR	78 - FER 88
14 10	HAIL	ALL PRECIP	FOS	SMOKE S/JP HAZE	BLOWING SNOW	DUST &/DR SAND	ALL DBST TO VSN	TOTAL NO. OF OBS
•	• • • • • •	21.2	15.8	7.6	2.5	• • • • • • • • •	47.1	7440
1		20.4	20.1	7.1	1.9		49.6	5787
		15.6	16.4	5.9	. 3		38.2	7440
1	• 0	11.8	11.8	3.9	.3	• 0	27.9	7199
1		10.4	18.2	10.7			39.3	7440
1		5 . 7	15.2	17.7			38.6	7200
}		5.0	20.6	27.9			53.6	7440
1		5.2	23.8	29.1			58.1	7439
		4.5	21.0	15.7			41.2	7200
}		9.2	18.8	6.2			34.2	7440
		15.9	19.3	5.4			41.5	7200
		19.1	21.8	4.3	• 4		45.5	7440
	• 0	12.0	18.5	11.9	• 4	.0	42.9	87665

OPERATING LOCATION +A+ PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA USAFETAC, ASHEVILLE NC FROM SUMMARY OF DAY DATA

STATION	NUMBER:	724285	STATION :	NAME: RICK! TC: +05	ENBACKER	ANGB OH			PERIOD OF MONTH: ALL	RECORD: 490 Hours: A
MONTH	TSTHS	CIQUID	PRECIP	FROZEN	HAIL	ALL PRECIP	FOG	SMOKE SZOR HAZE	BLOWING WDM2	DUST SZOR SAND T
JAN	2.1	32.8	6.5	46.8		66.0	43.5	50.8	7.1	• • • • • • • • • • •
FE8	1.9	33.8	4.1	40.5	.3	61.6	44.7	51.7	5.4	
440	7.5	43.0	2.0	28.9	• 8	61.8	42.7	46.4	2.5	
APR	13.7	53.9	• 3	8.3	1.4	56.9	38.8	40.8	•3	
MAY	21.5	50.8		.3	1.0	50.8	45.2	47.0		
JUN	27.ª	45.4			.6	45.4	52.3	61.5		
JUL	27.4	44.2			• 5	44.2	57.0	69.0		• i
AUG	23.0	39.9			. 3	39.9	70.4	77.0		
SEB.	12.1	37.7			. 1	37.7	50.7	54.5		•1
OCT	4.5	39.9		1.4	• 2	39.5	49.7	52∙ ९		
NOV	2.5	44.1	• 2	19.2	• 1	54.5	45.0	45.3	• 3	
nec	1.0	40.2	4.1	39.2	• 1	55.5	44.6	44.9	3.4	-
ANNUAL	12.2	42.1	1.4	15.3	. 4	52.0	49.7	54.4	1.6	• 0

AGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM SUMMARY OF DAY DATA

E: RICK +05	ENBACKER	ANGB OH			PERIOD OF R MONTH: ALL	ECORO: 4 HOURS:		5102-8802
KaCIa HOXEN	HATL "	PRECIP	F06	SMOKE S/OR HAZE	BLOWING SNOW	DUST 6/OR SAND	ALL OBST TO VSN	NO. OF OBS
44.8	•••••	66.0	43.5	50.8	7.1	•••••	81.7	1178
40.5	.3	61.6	44.7	51.7	5.4		80.0	1086
24.0	•3	61.8	42.7	46.4	2.5		77.4	1178
8.3	1.4	56.9	38.8	40.8	• 3		74.2	1138
.3	1.0	50.8	45.2	47.0			71.6	1178
	• 5	45.4	52.3	61.5			79.6	1140
	• 5	44.2	57.0	69.0		• 1	81.5	1178
	• 3	39.9	70.4	77.0			85.7	1178
	• 1	37.7	50.7	64.6		• 1	79.8	1136
1.4	• 2	39.5	49.7	52.8			73.2	1147
19.2	•1	54.5	45.0	45.3	• 3		77.2	1110
37.2	• 1	55.5	44.5	44.8	3.4		82 . 2	1147
15.3	• 4	52.0	49.7	54.4	1.6	• 0	78.7	13794

and the second of the second o

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS OPERATING LOCATION "A" FROM HOURLY OBSERVATIONS USAFETAC, ASHEVILLE NO PERIOD OF RECORD: MAR 78 - FI STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH LST TO UTC: + 5 MAR APR MAY JUL SEP BCT HOURS FEB JUN AUG NOV DEI (LST) • 3 2.3 00-02 . 5 1.1 2.3 1.9 . 2 • 1 . 4 • 9 . 2 03-05 • 2 . 4 .3 . 4 1.7 1.2 • 3 . 1 .8 . 7 •5 1.1 • 2 06-08 • R . 1 • 3 09-11 • 9 1.2 • 2 . 5 • 5 . i • 2 1.9 . 1 . 2 1.4 1.8 1.6 8. 12-14 .1 .7 15-17 3.2 4.1 1.2 . 2 . 3 3.8 . 1 • 3 1.1 3.4 18-20 . 1 1.0 1.6 3.1 4.3 3.2 .7 • 5 . 1 21-23 • 3 . 3 2.4 5.1 2.5 2.4 . 9 • l • 2 ALL 40JRS 2.5 2.0 2.1 . 2 . 2 . 7 1.6 TOTAL 7200 7440 7199 7200 7440 7439 7200 7440 7440 088

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS FROM HOURLY OBSERVATIONS

TC: +	RICKENBAC 5	KER ANGE	HOH	PERIOD OF RECORD: MAR 78 - FEB				- FEB 88	88	
APR	MAY	NUL	JUL	AUG	SEP	OCT	NOV	DEC	• • •	
.5	1.1	2.3	t.9	2.3	• 2	-1	.4	•••••	•••	
.3	. 4	1.7	1.2	• 9	• 3	• 2	•1			
.7	• 5	1.1	.8	. 8	• 1		• 2			
• 2	•3	• 9	• 5	1.2	. 1		•2			
.7	1.4	1.9	1.9	1.6	.8	.1	. 2			
1.1	3.2	3 • 4	3.8	4.1	1.2	• 2	.3			
1.6	3.1	4.3	3.2	3.3	. 7	•5	•1			
•∂	2.4	5.1	2.5	2.4	• 9	•1	• 2			
.7	1.5	2.5	2.0	2.1	.5 ••••••	• 2	• 2	•••••	•••	
7199	7440	7200	7440	7439	7200	7440	7200	7440	•••	

OPERATING LOCATION ****** PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA USAFETAC, ASHEVILLE NO VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS STATION NIMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 LST TO UTC: + 5 MONTH: JAN HOURS: ALL PHENOMENA CALM VARIABLE 330 - 059 060 - 149 150 - 239 240 - 329 TSTMS LIQUID 14.5 18.7 43.9 9.2 13.6 PRECIP FREEZING 10.5 53.2 23.4 8.5 4.3 DBECID FROZEN 18.5 7.2 19.2 46.6 PRECIP E [] S 16.E 14.8 10.0 31.1 27.3 FOG WITH VIS 10.1 31.2 28.0 GE 1/2 MILES TOTAL DBS 1016 1152 703 2124 MONTH: FEB HOURS: ALL TSTMS 25.0 37.5 12.5 25.0 CIQUID 8.4 21.1 16.8 43.6 10.1 DRECIO FREEZING 11.1 30.6 47.2 4.3 2.9 PRECIP FROZEN 6.5 37.3 14.0 8.3 33.8 DAECID 22.7 22.4 14.6 26.0 14.3 FOG WITH VIS 10.0 23.7 15.0 27.0 15.4 GE 1/2 MILES TOTAL 035 1218 1449 1634 1615

VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

. . . . 1. .

RICKENBACKER 5	ANGB DH		MONTH: JAN H	OURS: ALL	- FEB 88
0 - 059 060	7 - 149 - 15	50 - 239	240 - 329		NO OF OBS
					433
10.5	53.2	23.4	8.5		47
18.5	7.2	19.2	46.6		1117
14.5	10.0	31.1	27.3		1152
14.8	10.1	31.2	28.0		1121
	703	2124	2445	0	7440
• • • • • • • • • • • •		• • • • • • •	• • • • • • • • • • • • • • •	•••••	
25.0	37.5	12.5	25.0	••••••	8
21.1	16.8	43.6	10.1		573
30.6	47.2	9.3	2.9		36
37.3	14.0	8.3	33.8		780
22.4	14.6	26.0	14.3		1322
23.7	15.0	27.0	15.4		1139
	5 0 - 059 060 14.5 10.5 14.5 14.8 1152 25.0 21.1 30.6	5 0 - 059	5 0 - 7059	MONTH: JAN FO - 239 240 - 329 14.5	14.5

** PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO VERSUS WIND DIRECTION FROM HOURLY DESERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR LST TO UTC: + 5 MONTH: MAR HOURS: ALL PHENOMENA VARIABLE 330 - 059 060 - 149 150 - 239 240 - 329 TSTMS 20.0 20.0 36.7 23.3 LIQUID 5.0 19.5 28.8 28.7 18.0 PRECIP **EREEZING** 100.0 OSECIA FRUZEN 9.2 39.0 12.0 38.4 **PRECIP** FOR 10.3 28.0 17.5 20.2 24.0 FOG WITH VIS 10.2 28.2 17.7 19.9 24.0 GE 1/2 MILES TOTAL ORS 1903 1730 1134 MONTH: APR HOURS: ALL TSTMS 15.1 28.3 23.3 25.4 LIQUID 5.5 15.7 20.6 29.9 27.4 PRECIP **FREEZING** PRECIP FROZEN 1.9 98.0 9.0 7.0 25.0 buECID FOG 23.1 22.5 15.1 19.7 18.6 FOG WITH VIS 22.7 22.3 16.2 20.0 19.8 GE 1/2 MILES TOTAL OBS 1123 1525 1076 1810 1660

. 1

TENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

	NAME: RICKENBACKER	ANGS OH	P E	ERIOD OF RECORD: M ONTH: MAR HOURS:	
ריע איי	330 - 059 060			240 - 329	NO OF OBS
	20.0	20.0	36.7	23.3	30
ď	19.5	28.8	28.7	18.0	778
	1	00.0			4
	39.0	12.0	9•2	38.4	359
	28.0	17.5	20.2	24.9	1212
1	28•2	17.7	19.9	24.0	1195
	1730		1307	• •	0 7440
	• • • • • • • • • • • • • • • • • • • •		• • • • • • • •		• • • • • • • • • • • • • • • • • • • •
				NTH: APR HOURS:	- -
	15.1	28.3	28.3	25.4	53
	15.7	20.6	29.9	27.4	720
	58.0	9.0	7.0	25.0	100
}	22.5	15.1	19.7	18.6	839
1	22.3	16.2	20.0	19.8	825
	1525	1076	1660	1810	0 7199

OPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMPER:	724295	STATION NAME: LST TO UTC: +		ACKER ANGB OH		PERIOD OF RECORD: MA MONTH: MAY HOURS: A	
PHENUMENA	CALM	VARIABLE 3	30 - 059	050 - 149	150 - 239		
TSTMS	5.2	••••••	15.5	12.1	40.5	26.7	•••
LIQUID PRECIP	9.9		27.4	20.1	31.8	10.9	
PRECIO PRECIO							
FROZEN PRECIP							
EUR	27.3		22.2	13.9	24.0	12.5	
GE 1/2 MILES	² 6.7			14.1		12.7	
TOTAL OBS	1552	Э	1610	910	2139	1219)
						MONTH: JUN HOURS: 4	LL
TSTMS	10.2			3.1		29.6	• • •
LIQUID PRECIP	9.2		13.4	12.4	44.9	20.1	
FREEZING PRECIP							
DDECID EBUSEM							
FOG	30.8		12.5	5.1	41.6	9.0	
ENG WITH VIS	30.5		12.5	5 • 1	41.3	મ ુ વ	
TOTAL DBS	1501	0	1255	794	2396		

TAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA-1950S WIND DIRECTION FROM HOURLY OBSERVATIONS

بن	iame: MICKENBACKE	HC BDMA 9		PERTOD OF RECORD MONTH: MAY HOU): MAR 79 IRS: ALL	- FE8 89
νЭ,	330 - 359 0	50 - 149	150 - 239	240 - 329	•••••	NO OF 095
•••	15.5	12.1	40.5	26.7	•••••	116
u	27.4	20.1	31.8	10.9		698
i	22.2	13.7	24.0	12.5		1331
1	22.4	14.1	24.2	12.7		1315
	1610	910	2139	1219	0	7440
i				MONTH: JUN HOU	IRS: ALL	
• • •	15.6	3.1	35.6	29.6	•••••	136
	13.4	12.4	44.9	20.1		283
1 (12.5	5.1	41.6	9.0		1044
1	12.5	5.1	41.3	4.9		1029
	1255	794	2396	1254	0	7200

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA

USAFETAC. ASHEVILLE NO		VERSUS	WIND DIREC	CTION ERON HO	URLY DBSERV	ATIONS
STATION NUMBER:		LIST TO UTC: +	5		M	ERIOD OF RECORD: MAR ONTH: JUL HOURS: AL
PHENOMENA	CALM	VARIABLE 3	30 - 059	050 - 149	150 - 239	240 - 329
TSTMS	10.2	• • • • • • • • • • • • • • • •	15.0			• • • • • • • • • • • • • • • • • • • •
LIQUID PRECIP	9.0		12.1	16.2	47.9	14.8
PREEVING						
FROZEN PRECIP						
EJG	39.5		9.4	5.2	37.5	7,5
FOG WITH VIS GE 1/2 MILES	39.3		8.4	6.8	37.9	7.6
TOTAL 035	1772	C	1159	364	2353	
••••••	• • • • • • • •	••••••		• • • • • • • • • • • • • • • • • • • •		IONTH: AUG HOURS: AL
TSTMS	13.5	• • • • • • • • • • • • • • • • • • • •	11.1			23.8
PSECIE Fighto	15.0		21.1	21.1	27.9	15.0
FREEZING PRECIP						
useCIS esdXeV						
FOG	39.0		11.5	ყ•0	33.9	7.6
end MITH AIS	39.1		11.9	9.1	34.2	7.7
TOTAL DIS	1355)	1475		2235	990 0

VIAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

CK CN(: 1 CV CD		25.0	00 05 056000.		
CRENBACKER	ANGB UH	PER) MONT	H: JUL HOURS:	MAK /5 - F	EB EB
- 059 050					OF OBS
			25.9	• • • • • • • • •	147
2.1	16.2	47.9	14.8		290
a • 4	5 · 2	37.9	7.5		1507
8.4	6.8	37.9	7.6		1492
159			1232	0	7440
		монт	=		
1.1	15.0	34.h		• • • • • • • • •	153
1.1	21.1	27.9	15.0		244
1.5	3.0	33.9	7.6		1747
1.9	3.1	34.2	7.7		1694
	- 059 050 5.0 2.1 8.4 8.4 1.59	- 059 050 - 149 150 5.0 17.7 2.1 16.2 8.4 0.2 8.4 6.8 159 364 1.1 15.0 1.1 21.1	MUNI - 059 050 - 149 150 - 239 24 5.0 17.7 31.3 2.1 16.2 47.9 8.4 5.2 37.9 8.4 6.8 37.9 159 364 2363 MONT 1.1 15.0 34.5 1.1 21.1 27.9	MUNTH: JOL HUURS: - 059	- 059 050 - 149 150 - 239 240 - 329 NO 5.0 17.7 31.3 25.9 2.1 16.2 47.9 14.8 3.4 5.2 37.5 7.5 8.4 6.8 37.0 7.6 159 364 2363 1292 0 MONTH: AUG HOURS: ALL 1.1 15.0 34.6 23.8 1.1 21.1 27.9 15.0

OPERATING LOCATION MAM PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS USAFETAC. ASHEVILLE NO STATION NAME: RICKENBACKER ANGR OH PERIOD OF RECORD: MAR 78 -STATION NUMBER: 724285 MONTH: SEP LST TO UTC: + 5 HOURS: ALL 150 - 239 240 - 329 VARIABLE 330 - 059 060 - 149 33.5 12.8 TSTMS 20.5 25.6 LIQUID 16.6 12.3 38.3 22.7 10.1 PRECIP FREEZING SECTO FROZEN PRECIP 29.6 44.3 11.7 7.4 5.9 FOG WITH VIS 12.0 43.0 30.7 GE 1/2 MILES TOTAL DBS 1978 1382 763 2110

TSTMS	3.3		3.3	3.3	75.0	• • • • • • • • • • • •	•••••••
Secto Fignio	6.2		27.7	19.8	29.9	15.4	
FREEZING PRECIP							
obecto codical							
FOS	27.9		22.0	15.2	25.2	3.7	
SE INS MILES	?5 _♦ 6		22.5	16.5	25.8	۹.9	
TOTAL 035	1530)	1310	959	2263	1378	0

TOC : HTMOM

HOURS: ALL

AGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA CONTROL OF SUS WIND DIRECTION FROM HOURLY OBSERVATIONS

	*	PERIOD OF RECORD: MAR 78 - FEB 88 MONTH: SEP HOURS: ALL			
060 - 149	150 - 239	240 - 329		NO OF 085	
12.8	33.5	25.6		39	
12.3	38.3	22.7		308	
7.4	29.6	5•9		1457	
7.5	30.7	6 • 9		1389	
			0	7200	
•••••	• • • • • • • • • • • •		• • • • • • • • • • •	•••••	
3.3	75.0		• • • • • • • • • • •	12	
19.8	29.9	15.4		676	
15.2	25.2	3.7		1393	
15.5	25 • 8	9.9		1331	
		1378	0	7440	
	12.8 12.8 12.3 7.4 7.5 763	7.4 29.6 7.6 30.7 763 2110 3.3 75.0 19.8 29.9	MONTH: SEP HO 060 - 149 150 - 239 240 - 329 12.8 33.5 25.6 12.3 38.3 22.7 7.4 29.6 5.9 7.6 30.7 6.9 763 2110 967 MONTH: GCT HO 3.3 75.0 19.8 29.9 16.4	MONTH: SEP HOURS: ALL 060 - 149	

١

OPERATING LOCATION MAM USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBERS	724285	STATION NA LST TO UTC	ME: RICKENBAC	CKER ANGB OH		PERIOD OF RE	CORD: MAR 78 Hours: All
PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	• • • • • • • • • • • • • • • • •
TSTMS	5,0	• • • • • • • • • • •	••••••	23.5	70.6	• • • • • • • • • • • •	•••••
LIQUIO PRECIP	5.7		26.3	17.9	31.2	17.9	
PRECIP			33.3	56.7			
FROZEN PRECIP	4.4		27.2	9.5	11.4	47.5	
FOG	22.5		23.2	14.1	26.5	13.5	
FOG WITH VIS GE 1/2 MILES	22.2		23.4	13.9	26.7	13.8	
TOTAL OBS	1313	0	1241	735	2364	1542	0

					M	ONTH: DEC H	OURS: ALL
TST 45		• • • • • • • • • • • •		* * * * * * * * * * * * * * * * * * * *	••••••	•••••••	•••••
FIGUID	9.0		17.1	21.3	39.9	12.7	
FREEZING PRECIP	17.6		23.5	41.2	17.6		
PRECIP PRECIP	4.3		17.1	6.8	20.9	50.9	
FUG	20.1		18.5	14.0	29.5	17.8	
FOG WITH VIS GE 1/2 MILES	19.2		13.6	14.2	30.0	13.0	
TOTAL OBS	1100	0	944	754	2636	2006	0

INTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA TO VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

NAME: RICKENBÄCKER UTC: + 5			PERIOD OF RECORD: MONTH: NOV HOURS	: ALL
330 - 059 06	0 - 149 1	.50 - 239		NO OF OBS
	23.5	70.6		17
26.3	17.9	31.2	17.9	1020
33.3	56.7			3
27•2	9.5	11.4	47.5	158
23.2	14.1	26.5	13.6	1375
23.4	13.9	26.7	13.8	1357
1241	735	2364	1542	0 7200
		•••••		
		• • • • • • • •	MONTH: DEC HOURS	: ALL
17.1	21.3	39.9	12.7	884
23.5	41.2	17.6		34
17.1	6. 8	20.9	50.9	532
18.5	14.0	29.5	17.8	1609
13.6	14.2	30.0	13.0	1536
944	754	2636	2006	0 7440

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA "OPERATING LUCATION "A" VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS USAFETAC, ASHEVILLE NO PERIOD OF RECORD: MAR 78 STATION NAME: RICKENBACKER ANGB OH STATION NUMBER: 724285 LST TO UTC: + 5 MONTHS: ALL 060 - 149 150 - 239 240 **-** 329 CALM **PHENOMENA** VARIABLE 330 - 059 **TSTMS** 7.9 14.5 14.7 36.4 25.4 LIQUID 8.0 20.6 19.8 35.1 16.5 PRECIP FREEZING 9.7 20.2 50.0 15.1 4.0 DRECIP FROZEN 27.2 9.6 14.7 42.5 PRECIP 27.3 17.8 11.9 29.1 13.5 FOG WITH VIS 26.8 18.0 12.0 29.5 13.7 GE 1/2 MILES TOTAL 035 16758 16233 10435 25733

4 - 5 - 7

ENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY ORSERVATIONS

NAME: RICKE UTC: + 5	NBACKER ANGS (JH ·	PERIOD OF RECORD	: MAR 78	→ FEB 88
330 - 0	59 060 - 14	9 150 - 239	7 240 - 329		NO OF OBS
14.5	14.7	36.4	25,4	••••••	761
20.6	19.8	35.1	16.5		6957
20.2	50.0	15.1	4.0		124
27.2	9.6	14.7	42.5		3046
17.8	11.9	29.1	13.5		15998
18.0	12.0	29.5	13.7		15473
16233		25733	18506	0	37665

999999999	AAAA		RRRR	RRRR RRRRR	***************************************	8888888 6 888888888
PP PP	AA	AΔ	RR	RR	TT	88 88
מק ייי קמ	- AA	ΔΔ.	RR	RA	· · · · · · · · · · · · · · · · · · ·	
99999999	AA	AA	RRRR	RRRRR	TT	888888888
οροσορρο	AAAAAA	ΔΑΑΑ	ददद ्	RRRC	TT	888888883
PP	AAAAA	AAAA	RR	RR	TT	88 88
ρp	44	AA	RR	RR	ŦŤ	88 BB
pp	AA	AA	RR	રજ્	TT	888888888
bu	44	AA	RE	2R	··· TT	88888888

and the control of th

and the second of the second o

grand the second of the second

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION,

SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS

COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS,

PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT

UF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION

COUNT. A VALUE OF ".O" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE,

MONTHLY TOTALS.

AMOUNT TO LESS THAN .05 PERCENT.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY.
THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST
AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE
OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS
THAN 90% OF DATA ARE AVAILABLE. ""DO" MEANS NO PRECIPITATION FOR THE MONTH,
""O" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. ".OO" MEANS NO PRECIPITATION FOR THE MONTH. ".O" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST DECURRENCES OF SNOWFALL AND SNOW
DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE
SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE
THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN
COLUMN 69 OF AWS FORMS 10/104 (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE
AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE THE YEAR. THE FIRST (OR LAST)
ENTRY IN COLUMN 69 OTHER THAN ".O" OR "TRACE" DEFINES THE FIRST (OR LAST)
MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/104
(OR EQUIVALENT) DEFINES THE FIRST (OR LAST) DOCURPENCE OF SNOW DEPTH. THE LAST
SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED
WHEN NO SNOWFALL OCCURS DURING THE GIVEN POR.

- NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE. THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.
- NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN 10 SETS OF MONTHLY DATA, OR MORE, ARE AVAILABLE.
- NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.
- NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.
- NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SHOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER	SERVICE
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT
CONVERSIONS:			

- 1 INCH = 25.30998 MILLIMETERS

.1

- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 141 USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INC FROM SUMMARY OF DAY DATA

STATION NUMBER:	724295		ON NAME: O UTC: +0		ACKER ANG	38 JH			PERIOD MONTH:	
- AMOUNTS (INCHES)	··· JAN	FEB	MAR	ΔPR	MAY	NUL	JUL	AUG	SEP	• (
NONE	33.7	38.5	39.5	43.2	47.8	53.9	56.0	61.2	62.4	4 60
TRACE	26.5	24.5	21.3	16.4	13.1	12.8	11.5	11.2		
.01	4.9	4,2	3.2	2.4	1.9	2.5	2.2	1.7		
.0205	10.3	9.7	7.5	8.8	7.0	5.5	5.6	4.5		-
.0610	6.3	5.7	5.5	5.6	5.2	3.8	3.6	3.2	2.7	7 4
.1125	P.7	7.5	3.8	9.2	8.9	6.1	5 . 8	5.5	5.6	
.2650	5.5	5.7	7.8	6.8	7.2	6.9	5.5	5.0	5.1	1 5
.51-1.00	3.0	3.2	4.4	5.3	6.5	5.7	5.0	5.0	3.9	9 2
1.01-2.50	1.2	• 9	1.3	2.2	2.3	3.0	3.7	2 • 2	2.0	3
2.51-5.00	• 1	• 1	. 3	• 1	• 1		. 1	.4	. 1	1
5.01-10.00										
10.01-20.00										
DVFR 20.00										
•••••••••••••••••••••••••••••••••••••••	• • • • • • • •	•••••	• • • • • • • •		• • • • • • • •		• • • • • • •		, .	
DAYS WITH MEAS AMTS	30.0	37.0	39.2	40.4	39.2	33.3	32.5	27.6	25.4	4 27
TOTAL NO. OF OBSERVATIONS	1364	1249	1355	1319	1363	1320	1364	1372	1347	7 1

and the second of the second o

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES FROM SUMMARY OF DAY DATA

;

): 4 JRS:

	NAME: UTC: +0		CKER ANG	B 3H			PERIOD OF MONTH: AL		4208-49 S: ALL	09,5102+8	802
• •	МАЙ	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	- NOV	DEC	ANN
• •	39.5	43.2	47.9	53.9	56.0	61.2	62.4	60.6	45.5	36.0	48.2
	21.3	16.4	13.1	12.8	11.5	11.2	11.2	12.2	17.3	25.5	16.9
	3.2	2.4	1.9	2.5	2.2	1.7	1.6	1.4	3.4	3.6	2.7
	7.5	8.8	7.0	5.5	5.6	4.5	5.3	5.2	8.2	9.8	7.3
	5.5	5.6	5.2	3.8	3.5	3.2	2.7	4.1	5.5	4.1	4.6
	3.8	9.2	8.9	5.1	5.8	5.5	5.5	7.6	7.0	8.9	7.6
	7.8	6.8	7.2	6.9	5.5	5.0	5.1	5.6	6.7	6.6	5.2
	4.4	5.3	6.5	5.7	5.0	5.0	3.9	2.5	4.7	4.3	4.5
	1.3	2.2	2.3	3.0	3.7	2.2	2.0	• 8	1.6	1.1	1.9
	. 3	•1	•1		•1	. 4	• 1		• 1		.1
••	•••••	• • • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • • •				••••••
	33.2	40.4	39.2	33.3	32.5	27.6	25.4	27.2	37.2	34.5	34.8
	1355	1319	1363	1320	1364	1372	1347	1364	1320	1364	16101

OPERATING LOCATION *A* USAFFTAC, ASHEVILLE NO

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES FROM SUMMANDE PRO TO YEARMENDE MEST

MUN NOTTATE		LS	T TO UTC	+05					HTMOM	O OF RECOR
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	эст
		• • • • • • •	• • • • • • •	• • • • • • •			• • • • • • •			• • • • • • • • •
42	_			_		_		•00*	3.72	•98
43	1.75	1.54	6.73	2.49	4 • 4 1	5.14	3.97		.77	.51
44	• 69	2.99	5.54	3.80	2.60	2.21	1.57	2.84	1.02	1.18
45	.93	3.72	9.69	5.52	2.58	5.30	4.44	• 92	3.55	2.10
46	1.22	3.49	. 35*	1.37	5.98	4.33	3.35	.32	1.50	1.37
47	3.07	• 34	1.43	5.08	9.03	4.29	7.13	5.45	3.95	1.88
43	2.30	2.02	5.41	5.31	3.47	4.27	4.74	2.31	2.99	2.58
49	7.40	3.09	3.92	2.26	2.44	7.45	2.27	1.88	1.94	
51		•00*	3.42*	2.47	2.35	4.49	3.15	. 25	2.63	1.26
5.2	5.27	2.13	3.91	3.05	2.05	2.54	1.74	2.36	1.89	. 44
53	4.27	1.17	1.60	2.44	2.44	1.64	4.33	2.07	• 36	-21
54	2.59	1.37	1.70	4.07	1.79	2.48	5.05	2.90	1.68	4.11
55	1.47	3.42	4.96	1.01	3.49	3.62	5.30	1.35	3.27	1.90
55	1.70	4.24	4.33	4,35	5.35	1.27	4.04	2.88	2.07	1.32
57	2.15	2.13	1.54	5.03	4.84	5.79	2.77	1.52	3.51	1.11
5 9	2.14	.77	1.12	3.75	3.18	5.93	12.24	5.03	4.28	• 32
59	5.60	2.57	2.22	2.60	4.16	1.07	3.72	1.55	1.58	3.76
60	2.37	2.55	1.17	2.49	3.55	3.86	4.23	1.93	1.07	3.05
51	1.04	2.45	4.21	4.34	4.14	2.24	5.41	5.82	2.16	1.59
52	3.79	4.59	3.45	1.21	3.72	.36	5.24	1.19	3.75	2.75
53	1.09	32	7.73	2.17	2.47	2.44	2.70	2.73	•55	• 25
64	1.57	1.22	9.83	5.82	1.96	3.42	2.73	1.52	1.93	45
65	2.47	3.51	3.05	5.91	.85	2.75	3.76	4.32	7.07	3.19
66	4.)2	2.84	1.51	4.75	3.55	.94	4.91	2.89	3.41	1.13
57 57	3.00	2.77	5.13	3.45	5.41	.94	2.74	.20	3.62	2,23
51	2.05	.51	4.35	2.55	10.21	3.75	.79	2.18	2.87	1.59
59	3.39	.77	1.03	3.22	1.99	5.53	3.99	3.70	.99	1.81
70	1.53	1.25	3.61	5.25	5.07	5.37	3.88	3.25		1.73
70	1.53	1.25	3.01	5.25	5.07	3.31	3.00	3.43	5.92	1.73
71	2.30	3.91	2.74	.67	5.95	3.73	4.57	4.47	2.13	1.72
72	1.54	1.59	3.07	4.01	6.18	2.37	1.35	3.76	4.59	2.58
73	2.10	1.55	3.47	5.06	3.34	6.57	4.75	4.11	1.33	4.39
74	2.53	2.90	3.19	4.19	4.69	5.24	.73	4.94	4.14	1.43
7 5	2.51	3.99	4.76	3.06	2.03	3.99	1.56	5.21	3.88	3.00

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

1		, 43	30:11/4-71	OF OAT J.	A , A					
AT 3 BTC	ME: RICK : +05	CENBACKER	ANGS OF	!		PERIOD OF RECORD: 4208-4909,5102-8802 MONTH: ALL HOURS: ALL				
w45	APR	MAY	NUL	JUL	AUG	SEP	OCT	VCM	DEC	ANNUAL
3	• • • • • • •	•••••	• • • • • • •	• • • • • • • • •						12.37*
74	2.49	4.41	5.14	3.97						33.35
7										29.49
9 69	5.52	2.58	5.30	4.44	• 92	3.55	2.10	3.46	1.40	44.61
. 15*	1.37	5.98	4.33	3.35	.82	1.60	1.37	1.33	1.61	27.31*
1.43	5.03	8.03	4.29	7.13	5.45	3.95	1.88	2.14	1.33	45.17
41	5.31	3.47	4.27	4.74	2.31	2.99	2.58	3.95	3.25	43.10
4.92	2.26	2.44	7.45	2.27	1.89	1.94				32.65*
1.424	2.47	2.85	4.49	3.15	.25	2.63	1.26	4.10	5.03	29.65*
1	3.05	2.05	2.54	1. 34	2.36	1.89	. 94	1.16	2.59	30.60
1: . 4.3	2.44	2.44	1.64	4.33	2.27	• 36	.91	1.12	1.31	25.65
1.70	4.07	1.79	2.48	5.05	2.90	1.68	4.11	.85	1.79	30.38
136	1.01	3.49	3.62	5.30	1.35	3.27	1.90	2.92	•42	33.73
3.3	4.35	5.35	1.27	4.04	2.88	2.07	1.32	.88	3.42	35.85
	5.23	4.84	5.79	2.77	1.52	2.61	1.11	4.07	4.42	39.04
1.13	3.75	3.18	5.93	12.24	5.03	4.28	• 92	1.88	1.08	44.22
1 . 22	2.50	4.16	1.07	3.92	1.56	1.58	3.76	4.08	2.09	35.31
↑.17	2.49	3.55	3.36	4.23	1.93	1.07	3.05	1.97	2.14	30.39
! 1	4,34	4.14	2.24	5.41	5.82	2.16	1.59	3.68	2.38	39.46
4 - 4 - 5	1.21	3.72	.35	5.28	1.18		2.75	3.52	2.52	35.52
	2.17	2.47	2.44	2.70	2.73	• 55	.25	•69	1.10	25.65
70 · 43	5.82	1.96	3.42	2.73	1.52	1.93	. 45	2.10	4.40	37.17
• 05	5.91	• 85	2.75	3.76	4.32	7.07	3.19	1.55	1.18	39.61
1	4.75	3.55	.94	4.91	2.89	3.41	1.13	5.79	3.92	39.67
.13	3.45	5.41	.94	2.74	• 20	3.62	2.23	2.94	2.61	34.69
1.3	2.55	10.21	3.75	.73	2.18	2.87	1.69	3.79	4.35	39.61
1.04	3.22	1.99	6.53	3.99	3.70	.99	1.81	3.58	2.80	33.85
1 - 1	5+25	5.07	5.37	3.88	3.25	5.92	1.70	3.54	3.09	45.57
.74	.57	5.95	3.73	4.57	4.47	2.13	1.72	1.49	3.69	37.47
				1.35	3.76					45.99
••1	5.06	3.34	6.57	4.75	4.11	1.33	4.09	5.15	3.03	45.05
1 - 1 -	4.19	4.69	5.24	. 73	4.94	4.14	1.43	3.22	2.81	40.10
1.75	3.00	2.03	3.99	1.56	5.21	3.88	3.00	1.29	2.53	38.86
	73 UTC MAR 7.74 7.69 .35* 1.43 .41 2.92 33 1 36 37 37 37 37 37 37 37 37 37 37	73 UTC: +05 MAR APR 2.49 5.74 2.49 5.54 3.80 6.52 .35 1.37 1.43 5.08 1.41 5.31 2.26 .42 2.47 .11 3.06 1.61 .33 4.35 1.61 2.49 .11 4.34 1.71 2.49 .11 4.34 1.71 2.49 .11 4.34 1.71 2.49 .11 4.34 1.71 2.49 .11 4.34 1.71 2.49 .11 4.34 1.71 2.49 .11 4.34 1.71 2.49 .11 4.34 1.71 2.49 .11 4.34 1.71 2.49 .11 4.34 1.71 2.49 .11 4.34 1.71 2.49 .11 5.82 .10 5.91 1.11 3.46 .10 5.91 1.11 4.75 .11 3.46 .10 5.91 1.11 4.75 .11 3.46 .10 5.91 1.11 4.75 .11 3.46 .10 5.91 1.11 4.75 .11 3.46 .10 5.91 1.11 4.75 .11 3.46 .10 5.91 1.11 4.75 .11 3.46 .10 5.91 1.11 4.75 .11 3.46 .10 5.91 1.11 4.75 .11 3.46 .11 3.46 .11 4.75 .11 3.46 .11 3.46 .11 3.46 .11 4.75 .11 4.91	73 9TC: +05 MAR APR MAY 4.73 2.49 4.41 5.54 3.80 2.60 7.69 5.52 2.58 .45 1.37 5.98 1.43 5.08 8.08 .41 5.31 3.47 .72 2.26 2.44 1.42 2.26 2.44 1.42 3.05 2.66 1.43 3.05 2.66 1.40 3.05 2.66 1.41 3.05 2.66 1.42 3.75 3.18 1.43 5.03 4.84 1.40 3.49 1.41 3.75 3.18 1.42 2.49 3.55 1.41 4.34 4.14 1.42 3.75 3.18 1.43 1.21 3.72 1.43 3.46 5.41 1.43 3.46 5.41 1.43 3.46 5.41 1.43 3.46 5.41 1.43 3.46 5.41 1.43 3.46 5.41 1.43 3.46 5.41 1.43 3.46 5.41 1.43 3.46 5.41 1.43 3.46 5.41 1.43 3.46 5.41 1.43 3.46 5.41 1.43 3.46 5.41 1.45 3.25 5.07 1.74 3.27 4.01 5.95 1.77 4.01 5.06 3.34 1.77 4.01 5.06 3.34 1.77 5.06 3.34 1.77 5.06 3.34 1.77 4.01 5.18 1.77 5.06 3.34 1.77 4.01 5.18 1.77 4.01 5.18 1.77 5.06 3.34 1.77 4.01 5.18 1.77 5.06 3.34 1.77 4.01 5.18	APR MAY JUN A.78 2.49 4.41 6.14 5.54 3.80 2.60 2.21 7.69 5.52 2.58 5.30 A5M 1.37 5.98 4.33 1.43 5.03 8.03 4.29 1.41 5.31 3.47 4.27 1.72 2.26 2.44 7.45 A28 2.47 2.85 4.49 1.1 3.06 2.66 2.54 1.70 4.07 1.79 2.48 1.70 4.07 1.79 2.48 1.70 4.07 1.79 2.48 1.70 4.07 1.79 2.48 1.70 3.40 3.49 3.62 A.33 4.35 5.35 1.27 A.34 5.03 4.84 5.79 1.12 3.75 3.18 6.93 1.22 2.60 4.16 1.07 1.17 2.49 3.55 3.86 A.11 4.34 4.14 2.24 A.35 5.82 1.96 3.42 A.36 5.91 85 2.75 A.16 3.46 6.41 94 A.37 3.46 6.41 94 A.38 2.55 10.21 3.75 A.39 3.22 1.99 5.53 A.70 3.22 1.99 5.53 A.71 5.65 3.34 6.57 A.71 5.65 3.34 6.57 A.77 4.01 6.18 2.37 A.77 4.01 6.18 2.37	10N NAME: RICKENBACKER ANGB 0H T3 UTC: +05 MAR APR MAY JUN JUL 1.74 2.49 4.41 5.14 3.97 0.54 3.80 2.60 2.21 1.57 0.69 5.52 2.58 5.30 4.44 1.37 5.98 4.33 3.35 1.43 5.03 8.03 4.29 7.13 1.41 5.31 3.47 4.27 4.74 1.72 2.26 2.44 7.45 2.27 1.42* 2.47 2.85 4.49 3.15 1.1 3.05 2.86 2.54 1.14 1.30 2.44 2.44 1.64 4.33 1.70 4.07 1.79 2.48 5.05 1.38 4.35 5.35 1.27 4.04 1.39 3.62 5.30 1.33 4.35 5.35 1.27 4.04 1.39 3.62 5.30 1.33 4.35 5.35 1.27 4.04 1.39 3.62 5.30 1.31 3.75 3.18 6.93 12.74 1.31 3.75 3.18 6.93 12.74 1.32 2.49 3.55 3.86 4.23 1.31 4.34 4.14 2.24 5.41 1.31 3.72 3.36 5.28 1.31 4.34 4.14 2.24 5.41 1.31 3.72 3.36 5.28 1.31 4.35 5.82 1.96 3.42 2.73 1.32 2.55 10.21 3.75 7.79 1.33 5.82 1.96 3.42 2.73 1.05 5.91 85 2.75 3.76 1.11 4.75 3.56 94 4.91 1.13 3.46 5.41 94 2.74 1.14 3.46 5.41 94 2.74 1.15 3.46 5.41 94 2.74 1.16 3.46 5.41 94 2.74 1.17 3.75 3.55 94 4.91 1.18 3.46 5.41 94 2.74 1.19 3.25 5.07 5.37 3.88	MAR APR MAY JUN JUL AUG	T3 DTC: +05 MAY JUN JUL AUG SEP	MAR APR MAY JUN JUL AUG SEP GCT	REFIGURATION RECORD: 420 RECORD: 420	### PERIOD OF RECORD: 4208-4909-516 ### PARIOD OF SALE AND OF ALL AND OF AL

UPERATING LOCATION '4' USAFFTAS, ASHSVILLS NO

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

. 3M: 143# A	YICE W				1 40	33 (J. DAT 34	A			
STATION NUM	बर्थ: 7242		AAV MÜLTA Sütü üt T		(ENBACKER	ANGS OH				DE RE	CORD: 4 HOURS:
YEAR	VAU	FED	MAR	APR	МАЧ	מטנ	JUL	AUG	SEP	SCT	СИ
76 77 73	2.74 1.22 5.35	2.37 .58 .30	2.82 3.15 3.27	1.48 4.20 2.65	1.17 1.51 3.53	4.94 2.54 4.39	4.71 3.83 3.31	5.23 4.11 7.00	1.65 3.19 1.01	2.52 2.50 2.70	.43 2.79 1.80
7 3 80	3.02 2.04	3.15 1.01	.43 4.19	3.46 2.43	3.42 4.01	2•78 5•0 7	5.24 4.94	5.44 9.51	7.31 1.11	1.45 1.31	4.62 2.00
91 92 33 44 35	.49 5.55 1.36 1.54 1.29	3.90 1.96 .81 2.17 1.91	1.64 4.34 1.19 4.09 3.53	5.23 1.74 5.40 4.11	7.32 4.67 5.43 5.31 7.26	4.3? 2.89 4.01 .98 2.44	2.95 4.25 2.15 2.38 8.73	1.43 4.36 1.06 3.93 3.31	2.02 1.88 1.43 3.25 1.34	1.78 .39 5.16 4.04 2.25	1.74 5.30 4.79 3.57 11.91
बर, ≘ 7 ∃स	1.79 .93 2.47	2.74 .31 4.25	2.05 2.11	1.37	1.84 · 3.57	4.13 3.16	2.55 3.33	2.42 2.64	3.79 1.32	2.45 1.55	3.°6 1.43
	.40	••••••••••••••••••••••••••••••••••••••		.67	.65	••••••	.73		.55	.26	.43
GREATEST	7.40	4.59	9.83	5.52	10.21	7.45	12.24	9.51	7.31	5.15	11.91
ME ATI	2.43	2.24	3.57	3.47	4.01	3.67	3.92	3.41	2.59	2.02	3.00
HEDIAL	2.12	2.1=	3.36	3.34	3.62	3.74	3.70	2.39	2.13	1.35	2.43

THE GREATEST VALUE OF 12.24 OCCURRED ON 07/58

MOTE: *THE VALUE IS MASED ON A MONTH WITH LESS THAN 202 DE THE DATA AVAILABLE FOR THE

1.518 1.210 2.118 1.616 1.962 1.775 2.019 2.142 1.639 1.091 1.991

TOTAL 395 1364 1249 1355 1319 1363 1320 1364 1372 1347 1364 1320

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES FROM SYMMET OF DAY DATA

i) ord	: +05	CENBACKER	R ANGR DH	ı		HTMOM	: ALL	HOURS: A		02-8802
পর্ব	APR	мау	JuN	JUL	AUG	SEP	CCT	VCN	DEC	ANNUAL
1. 12	1.49	1.17	4,94	4.71	5.23	1.68	2.52	.43	.69	31.88
15	4.20	1.51	2.54	3.83	4.11	3.19	2.50	2.78	3.33	33.04
5.27	2.65	3.53	4.39	3.31	7.00	1.01	2.70	1.80	5.02	40.33
• 43	3.46	3.42	2.98	5.24	5.44	7.31	1.45	4.62	1.78	43.75
1°	2.43	4.01	5.07	4.94	9.51	1.11	1.91	2.00	1.99	41.20
1.4	5.23	7.32	4.32	2,95	1.43	2.02	1.98	1.74	2.42	36.44
3.4	1.74	4.67	2.89	4.25	4.36	1.88	•39	5.30	4.97	42.71
1.19	5.40	5.43	4.01	2.15	1.06	1.43	5.18	4.79	3.57	37.38
	4.11	5.31	.98	2.38	3.93	3.25	4.04	3.57	2.99	38.36
• " 3	. 33	7.25	2.44	8.73	3.31	1.34	2.25	11.91	1.65	46.50
• 5	1.39	1.54	4.13	2.55	2.42	3.79	2.45	3.55	3.16	31.93
1.11	2.43	3.57	3.16	3,33	2.64	1.32	1.55	1.43	3.62	27.00 6.72*
,	•67	.25	. 35	.73	• 20	.55	• 26	.43	•42	6.72
• • •	5.52	10.21	7.45	12.24	9.51	7.31	5.18	11.91	5.03	46.50
• • 7	3.47	4.01	3.67	3.92	3.41	2.69	2.02	3.00	2.74	37.31
• 5 ;	3.34	3.62	3.74	3.70	2.39	2.13	1.35	2.93	2.71	37.47
.114	1.615	1.962	1.775	2.019	2.142	1.639	1.091	1.991	1.215	5.763
184 184	1319	1353	1320	1354	1372	1347	1364	1320	1364	16101

12.24 OCCURRED ON 07/58

I BASED ON A MONTH WITH LESS THAN GOT OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION *A* USAFETAC, ASHEVILLE NO

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER	72428		ATION NAM T TO UTC:	-	ENBACKER	ANGE OH			PERION MONTH:		CORD: 42 HOURS:
YEAR	PAL	FEB	MAR	APR	MAY	Jบ [ุ]	JUL	AUG	SEP	аст	NOV
42	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • • • •	• • • • • • • •		.70*	1.37	.30	1.20
43	.29	•59	2.61	.90	1.08	1.49	• 63	1.00	• 33	.20	.72
44	•40	.80	1.53	. 59	1.03	1.41	1.22	.77	.48	.64	.49
45	.23	1.96	3.18	1.40	1.23	1.10	1.10	• 59	.97	•90	.71
45	.35	•98	.60*	•56	1.06	1.50	1.47	.70	1.40	.49	.64
47	1.42	.18	• 65	1.35	1.34	1.23	1.73	2.75	1.63	•55	•54
49	1.37	• 53	1.10	1.93	• 89	1.10		1.70	. 91	1.33	.74
49	1.99	1.05	1.53	. 66	•59	1.61	• 95	• 56	•68		
51		. oo*	1.02*	.73	•99		1.02	. 25	.75	.52	• 99
5.2	2.25	•6∃	1.55	1.33	• 94	• 30	• 35	1.20	.57	. 32	.29
5.3	1.25	• 37	• 3.3	•53	• 5 8	•53	1.91	2.35	•50	• 4 9	.45
54	1.34	•52		1.07	• 36	• 35	1.93		1.05	• 92	• 21
55	.19	• 55	1.77	• 49	•84	1.06	1.11	•45	.84	.43	1.05
56	.53	. 57	.93	1.29	1.03	•43	1.13	.75	. 38	.73	•42
5 7	• 51	• 30	.43	1.25	1.14	1.85	1.77	• 5 3	1.59	• 52	1.10
5.3	• 55	.35	. 43	. 74	.77	1.79	2.17	2.79	1.30	•25	.65
59	2.75	. 74	.71	• 30	1.47	• 5 5		1.05	1.06	1.17	1.07
60	• 53	•93	• 35	.74	.63	1.48	1.61	• 44	• 45	1.39	.63
ó1	• 30	.31	. 30	1.19	2.09	.34	1.04	2.62	1.19	.54	1.63
62	• Oci	1.30	. 94	• 3 -3	.95	•15	1.10		• 96	• 32	1.55
53	•59	• 24	3.14	. 7 ઙ	.81	•51	1.01	•63	• 54	•17	• 32
64	• 45	.47	3.23	1.46	.47	•92	• 37	• 30	1.03	.17	. 7¤
÷5	• 5 6	• 96	•63	1.31	•37	1.44	1.32	1.09	2.47	1.20	•35
55	1.24	.83	.42	1.52	1.23	.43	1.33	1.67	1.06	.44	1.42
57	• 35	.75	1.21	1.03	1.44	•42	1.39	• 2.9	1.21	•5₫	.57
43	. 75	.24	1.17	.73	2.73	• 89	•18	•73	1.12	.50	1.13
69	• 44	.32	• 35	1.11	.79	1.14	1.29	3.07	.33	• 35	1.12
70	•50	. 38	.91	1.63	1.18	1.61	1.31	1 • 85	2.22	.34	1.97
71	.95	1.50	1.11	.21	2.39	2.15	2.21	2.06	.39	.44	•55
7 2	• 41,	• 5.4	• 4 3	1.94	2.45	1.01	•53	1.33	1.10	1.15	1.34
73	• 3.2	• 42	• 74	1.14	•72	1.52	1.77	1.40	.51	1.33	1.48
74	•47		1.00	1.21	1.53	1.31	•54	1.14	1.07	•56	.74
75	• 40	2.79	1.23	1.00	1.06	• 90	• 70	1.24	1.13	1.74	.31

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES

MAR APR MAY JUN JUL AUG SEP	30	VOV	DEC	ANNUAL
	•30			
.00* 1.37	- 20	1.20	1.69	1.69*
2.61 .99 1.08 1.48 .89 1.00 .33		.72	•60	2.61
1.55 .89 1.03 1.41 1.22 .77 .48	•20 •64	•72 •49	• 91	1.58
3.18 1.40 1.23 1.10 1.10 .59 .97	.90		• 37	3.18
.50* .56 1.06 1.50 1.47 .70 1.40	.49	.64	1.17	1.50*
.45 1.35 1.34 1.28 1.73 2.75 1.63	•55	.54	.72	2.75
1.10 1.93 .89 1.10 1.73 1.00 .91	1.33	.74	1.06	1.98
1.53 .66 .59 1.61 .95 .66 .68				1.89*
1.02* .73 .99 1.00 1.02 .25 .75	•62	• 99	• 99	1.02*
1.55 1.33 .94 .90 .95 1.20 .57	.32	.29	•51	2.26
.33 .53 .58 .54 1.41 2.36 .50	.49	.45	•63	2.36
.78 1.07 .36 .36 1.93 .53 1.05	•32	.21	•55	1.93
1.77 .49 .84 1.06 1.11 .45 .84	.43	1.05	.27	1.77
.43 1.29 1.03 .43 1.13 .75 .98	•78	.42	•90	1.29
.43 1.25 1.14 1.35 1.77 .53 1.59	• 52	1.10	•93	1.85
.43 .34 .77 1.79 2.17 2.79 1.30	• 25	.65	.62	2.79
.71 .30 1.47 .55 .91 1.06 1.06	1.17	1.07	.61	2.75
.35 .74 .63 1.48 1.61 .44 .45	1.39	.63	•51	1.61
.<>> 1.13 2.09 .34 1.04 2.62 1.19	.54	1.63	•56	2.62
.4 .31 .96 .16 1.10 .63 .96	. 32	1.56	.66	1.80
3.14 .73 .31 .51 1.01 .69 .54	.17	•32	.33	3.14
3.23 1.46 .47 .92 .99 .90 1.03		.7B	1.22	3.28
.53 1.31 .37 1.44 1.32 1.09 2.47	1.20	.36	• 36	2.47
	.44	1.42	1.38	1.67
1.21 1.03 1.44 .42 1.37 .29 1.21	•58	.57	•48	1.44
1.17 .73 2.73 .89 .18 .73 1.12	.50	1.13	1.52	2.78
.35 1.11 .79 1.14 1.29 3.07 .33	.35	1.12	. 75	3.07
.71 1.63 1.18 1.61 1.31 1.85 2.22	.34	1.97	1.08	2.22
1.11 .21 2.39 2.15 2.21 2.06 .39	.44	•55	1.31	2.39
.43 1.04 2.45 1.01 .50 1.93 1.10	1.15	1.34	1.12	2.45
• 14 1•14 • 72 1•52 1•77 1•40 •51	1.33	1.48	•92	1.77
1.00 1.21 1.53 1.31 .54 1.14 1.07	•56	.74	•59	1.63
1.23 1.00 1.06 .90 .70 1.24 1.18	1.74	.31	•55	2.79

OPERATING LOCATION *A* USAFETAC, ASHEVILLE NO

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHEST FROM SUMMARY OF DAY DATA

STATION NUM	। <u>तृह्द</u> ्रः 72428	-	ATION NAT	4E: RICK! : +05	ENBACKER	ANGB 3H	•		PER10 MONTH	D DE REC	CORE HUL
YEAR	VAL	FEB	MAR	ΔPR	МАЧ	PUL	JUL	AUG	SEP	тэс	
76	.45	.75	.55	.82	.42	1.75	1.32	2.40	.45	.57	• • • •
77	.38	.16	• 95	1.45	.40	.93	1.93	1.32	.83	1.07	
7 8	1.25	.09	1.06	•98	.65	1.53	1.16	2.18	.87	.80	
79	.33	1.28	.17	•51	.73	.63	1.78	. 91	2.31	•26	1
80	1.37	• 31	•73	•95	1.15	1.96	2.00	2.25	•54	• 55	
۵1	.14	1.22	.34	1.56	•93	1.33	1.16	.41	•91	.44	
82	1.42	.39	. 84	.76	1.04	1.41	1.86	2.55	•98	• 36	1
83	•5a	• 36	• 24	2.54	1.03	1.61	1.03	.22	•69	1.20	
84	. 44	.70	1.54	1.32	1.05	.49	•61	1.20	1.13	1.01	1
85	.29	• 69	1.06	.16	2.70	1.05	3.90	1.61	•69	•95	2
86	1.30	• 54	•55	. 49	•50	1.42	1.32	.82	1.20	1.10	1
87	.36	.43	1.34	.79	1.26	1.44	1.43	1.63	•42	.57	
83	1.23	1.44									

• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• . • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • •
GREATEST	2.75	2.79	3.28	2.54	2.78	2.15	3.90	3.07	2.31	1.74	2
FOTAL 385	1354	1249	1355	1319	1363	1320	1354	1372	1347	1364	1

THE GREATEST VALUE OF 3.90 OCCURRED ON 07/15/85

MOTE: ATHE VALUE IS BASED ON A MONTH WITH LESS THAN BOY OF THE DATA AVAILABLE FOR

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES

TO UTC		ENBACKER	ANGB OH					HOURS: A	8-4909,510 LL	2-8802
74 2	APR	мдү	JUN	JUL	AUG	SEP	act	VOV	DEC	ANNUAL
 55	-82	.42	1.75	1.32	2.40	.45	.57	.25	.43	2.40
.95	1.45	.40	.93	1.93	1.32	.83	1.07	.75	1.09	1.93
1.05	.93	. 65	1.53	1.16	2.18	.87	.80	•79	1.71	2.18
.17	.51	.73	.63	1.78	. 91	2.81	•26	1.02	•58	2.81
•73	.95	1.15	1.96	2.00	2.25	•54	.55	• 79	.31	2.25
. 34	1.66	.93	1.33	1.16	.41	•91	.44	•73	.49	1.65
. 34	.76	1.04	1.41	1.86	2.56	. 38	•36	1.16	1.11	2.56
. 24	2.54	1.03	1.51	1.03	. 22	•69	1.20	•99	.36	2.54
1.54	1.32	1.05	.49	•61	1.20	1.13	1.01	1.07	•55	1.54
1.05	.16	2.70	1.05	3.90	1.61	• 59	•95	2.71	.82	3.90
• 55	. 49	•50	1.42	1.32	.82	1.20	1.10	1.45	1.09	1.45
1.34	.79	1.26	1.44	1.43	1.63	.42	.57	.40	•66	1.63 1.44*

3.24	2.54	2.78	2.15	3.90	3.07	2.81	1.74	2.71	1.71	3.90
13=3	1319	1363	1320	1364	1372	1347	1364	1320	1354	
• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • • • •

OCCURRED ON 07/15/85 3.90

r 0

IS 44550 ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 2 - 3B

OPERATING LOCATION 'A' PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES FROM SUMMARY OF DAY DATA USAFETAC, ASHEVILLE NO STATION NAME: RICKENBACKER ANGB OH STATION NUMBER: 724285 PERIOD OF RECORD: MONTH: ALL HOUR! LST TO UTC: +05 FE3 3 MAR A AMOUNTS JAN APR MAY JUN JUL AUG SEP OCT (INCHES) NONE 52.9 58.9 71.4 92.0 99.3 100.0 100.0 100.0 100.0 98.7 TRACE 25.7 23.5 17.4 6.3 .2 1.0 0.1-0.4 8 • 2 7.5 4.7 1.0 . 2 0.5-1.4 3.2 6.5 4.0 • 3 • 1 1.5-2.4 2.3 1.5 1.3 • 2 • 1 2.5-3.4 1.1 • 5 . 1 . 0 . 1 3.5-4.4 . 7 . 3 . 3 4.5-5.4 . 4 1.0 • 2 • 2 6.5-10.4 . 1 • 1 . 1 10.5-15.4 15.5-25.4 25.5-50.4 DVER 50.4 DAYS WITH MEAS AMIS 21.4 17.5 11.2 1.5 . 1 • 3 TOTAL NO. DE

.

CBSERVATIONS

1271 1155

1271

1229 1271 1230 1271 1271 1227 1240

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES

21

NAME: JTC: +0	RICKENBA 5	CKER ANG	8 DH			PERIOD OF MONTH: AL		4601-49	09,5102-8	802
чдр	APR	YAM	JUN	JUL	AUG	SEP	oct	NOA	DEC	ANN
71.4	92.0	99.8	100.0	100.0	100.0	100.0	98.7	81.2	62.2	84.9
17•4	6.3	• 2					1.0	12.8	23.1	9.1
4.7	1.0						• 2	3.2	6.0	2.5
4.0	•3						• 1	1.6	5.2	2 • 1
1.3	• 2	. 1						•5	1.9	.7
•5	. 1						• 1	. 7	1.0	.3
. 3								• 1	• 2	.1
• 2									•5	• 2
• ?	• 1							. 1		.0
		•••••	• • • • • • •	• • • • • • •			• • • • • • •	• • • • • • •		
11.2	1.5	•1					•3	6.1	14.8	6.0
	•••	••					• •	•••		2.00
1271	1229	1271	1230	1271	1271	1227	1240	1200	1240	14887

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NU		LS	T TO UT	: +05	(ENBACKER)				MONTH		CORD: 46 HOURS:
YEAR	ral.	FEB	MAR	APR	MAY	PUE	JUL	AUG	SEP	oct	VON
45	٦.2	• • • • • • • • • • • • • • • • • • •	TPACE	TRACE	.0	•0	.0	.0	.0	•0	.0
47	1.4	3.3	2.8	•0	•0	•0	.0	. ŏ	.0	.0	TRACE
48	13.0	10.1	TRACE	•0	• 0	• 0	• 0	• 0	.0	.0	.0
49	5.8	• 3	5.0	THACE	•0	• 0	• 0	• 0	• 0		
51		.0*	4.0	TRACE	• 0	• 0	• 0	• 0	• 0	TRACE	1.2
52	. 4	3.3	1.6	TRACE	• 0	• 🤈	• 2	• 0	• 0	TRACE	3.6
53	4.1	TPACE	3.1	1.6	.0	• 0	• 0	• 0	.0	• 0	1.8
54	5.3	5.7	4.9	• 3	2.0	• 0	• 0	• 0	• 0	• 2	• 1
55	7.3	3.2	2.0	.0	• 0	• 0	• 0	• 0	• 0	• 0	5.1
56	0.1	• 9	ਰੇ.9	TRACE	.0	• 0	• າ	• 0	• 0	• 0	. 9
57	7.1	3.0	2.9	TRACE	. 0	• 0	• 0	• 0	• 0	TRACE	TRACE
5 દ	3.7	3.0	4.1	TRACE	• 2	• ?	• 0	• 0	• 0	• 0	9.0
59	7.8	1 • 4	11.4	TRACE	• 0	• 0	• 0	.0	• 0	• 0	8.3
60	1.8	11.6	10.5	TRACE	•0	• 0	• 0	• 0	• 0	• 0	1.0
51	10.0	9.8	TRACE	• 7	• 0	• ၁	٠.)	• 0	• 0	• 0	1.1
52	4.5	11.9	15.7	1.4	• 0	• 5	• 0	• 0	• 0	2.7	TRACE
63	3.5	7.0	• 5	TRACE	.0	• 0	• 2	• 0	• 0	• 0	•8
64	9.8	7.9	1.9	TRACE	• 0	• 0	• 0	• 0	• 3	.0	1.3
55	11.5	9.1	5.1	• 0	• 0	• 0	• 0	•0	.0	• 0	2.9
56	× • 7	3.9	1.5	1.4	TRACE	• 0	• 0	• 0	• 0	• 0	4.1
47	2.0	14.5	9.3	• 0	• 0	• 0	• ?	• 9	• 0	• 5	3.2
53	9.7	2.1	2.5	TRACE	• 0	• 0	• 0	• 0	• 0	• 0	1.7
69	2.0	2.4	4.1	TRACE	• 0	• 0	• 0	.0	• 0	• 0	3.3
70	11.2	2.3	8.2	• 4	• 0	• 0	• 0	• 0	٠.٥	• 0	• 5
71	4.5	7.7	7.3	TRACE	• 0	. 0	• 0	• 0	• 0	• 0	2 • 1
72	2.3	5.4	1.5	• 3	• 0	• 0	• າ	• 0	• 0	TRACE	5 • 1
73	3.5	• B	• 3	5.4	• 0	• 0	• 0	•0	• 0	• 0	TRACE
74	2.0	3.1	4.9	• 4	• 0	• 0	• 0	•0	• 0	• 4	1.3
75	5.4	1.5	2 • 4	TRACE	•0	• 0	• 0	• 0	• 0	• 0	1.3
75	10.7	• 3	. 4	• 0	• 0	•0	.0	.0	• 0	TRACE	1.8
77	14.0	7 • 1	1.1	TRACE	• 0	• 0	• 0	• 0	• C	• 0	1.9
78	24.9	2.6	3.6	TRACE	• 0	• 0	• •	• 0	• 0	TRACE	TRACE
79	15.3	12.2	. 7	TRACE	• 0	• 0	• 0	• 0	• 0	.0	TRACE
80	5.8	5.4	. 4	TRACE	• 0	• 0	• 0	• 0	• 0	• 0	4.5

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

1 2

5.

RAC 5.

TC: +05	CKENBACKER				MONTH	: ALL	HOURS: A		
₽ 4 ₽		JUN	JUL	AUG	SEP	OCT	MOA	DEC	ANNUAL
TRACE	••••••	.0	• • • • • • • • • • • • • • • • • • • •	• 0	.0	.0	.0 TRACE	1.7	5.5
.0	•0	• 0	• 0	•0	• 0	.0	TRACE	1.6	9.1
•0	· 0	.0	• 0	•0		.0			27.5
TRACE		• 0	• 0	•0	.0				11.1*
TRACE	• 0	• 0	• ၁	• 0	• 0	TRACE	1.2	10.8	16.0*
TRACE	• 0	• 0	• ၁	• 0	• 0	TRACE	3.6	5.4	14.3
1.6	•0	• 0	• 0	• 0	• 0	•0		4.5	15.1
.3		• 0	• 0	• 0	• 0	• 2	• 1	3.4	22.9
.0	• 0	• 0	• 0	• 0	.0	• 2 • 0	•1 5•1	2.3	19.9
TRACE	• 0	• 2	• 2	•0	•0	• 0	. 9	2.5	21.4
TRACE	• 0	•)	• 0	• 0	• 0	TRACE	TRACE	5.9	18.8
TRACE	• 0	• 2	• 0	• 0	• 0	.0			29.4
TRACE	. 0	.0	• 0	•0	. 0	• 0	8.8	5.5	35.9
TRACE		• 0	• 0	• 0	.0	• 0	1.0	19.1	44.0
• 7	• 0	•)	• 0	• 0	• 0	• 0	1.1	7.1	28.7
1.4		• 0	• 0	• 0	• 0	2.7	TRACE	12.9	49.1
TRACE		.0	• 0	• 0	• 0	• 0	.8	11.2	28.1
TRACE		• 0	• 0	• 0	. 0			1.7	22.6
.0		• 0	• 0	• 0	.0	• 0	2.9	2.5	31.1
1.4	TR405	•0	• 0	• 0	• 0	• 0	4.1	4.9	29.5
.0	• 0	.0	• 2	• 0	• 0	• 5			34.0
TRACE		• 0	• 2	• 0	• 0	• 0		4.6	20.5
TRACE		• 0	• 0	•0	• 0	.0	3.3	6.7	18.5
. 4		• 0	• 0	• 0	. 3	.0	.6	• 5	23.2
TRACE	• 0	• 0	• 0	•)	• 0	• 0	2.1	.3	21.9
. 3		•0	• 2	.0	• 0	TRACE			18.3
5.4		•0	• 0	.0	.0	.0	TRACE	6.7	17.2
. 4		•0	• 0	•0	• 0	. 4	1.3	6.4	18.5
TRACE		.0	• 0	•0			1.3		13.9
• • • • •	• 9	• 0	• 0	• 0	• 0	TRACE	1.8	2.4	16.1
TRACE		• 5	• 0	• 0	• 0	• 0	1.9	6.6	32.7
TRACE	•0	•0	• 0	• 0	• 0	TRACE	TRACE	. 4	31.5
TRACE	•0	• 0	• 0	•0	• 0	.0		TRACE	28.2
TRACE	• 5	•0	•0	•0	• 0	•0	4.5	ó.3	22.4

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER:	72429	35 ST LS		ME: RICKE	NBACKER	ANGB DH			PERIOD OF MONTH: AL
YEAR	JAN	FE3	MAR	APR	MAY	JUN	JUL	AUG	SEP
91	5.6	2.4	1.2	• 0	.0	.0	•0	.0	.0
82	9,9	4.4	1.2	1.9	• 0	• 0	• 0	. 0	• 0
93	• 7	3.2	1.1	TRACE	.0	•0	•0	• ŏ	•0
84	3.9	11.1	2.2	TRACE	. ŏ	•0	• 0	•0	•0
35	11.3	11.9	TRACE	• 2	, ö	• 0	.0	•0	.5
36	4.0	3.8	2.7	TRACE	• 0	• 2	• 0	• 0	• 0
9.7	2.9	2.9	5.1	8.4	• 0	• 0	ŏ	• 0	•0
98	3.5	4.9	• •	- •		- *		• •	•

• • • • • • • • • • •	*******	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	••••••	• • • •
LEAST	• 4	. o	TRACE	• 0	• 0	• 5	. 3	٠.0	• 0	
GPEATEST	24.3	14.5	15.7	3.4	2.9	• 0	• 0	• 0	• 0	2
MEAN	5.9	5.3	3.5	• 5	TRACE	• 0	· 0	• 0	. o	
MEDIVA	F . ∃	3.3	2.5	TPACE	•0	C.	• 2	. 0	• 0	
	4.929									. 4
	1271	1166	1271	1229	1271	1230	1271	1271	1227	12
• • • • • • • • • •			• • • • • • • •			· • • • • • • • •				• • • •

THE GREATEST VALUE OF 24.9 OCCURRED ON 01/73

MOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILAB

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

HO	TEON NA	AME: RICKE C: +05	NBACKER	HC 8DMA			PERIOD MONTH:		ORD: 4601 HOURS: AL	-4909,510 .L	2-4802
]	MAR	APR	MAY	PUL	JUL	AUG	SEP	act	VCN	DEC	ANNUAL
1	1.2 1.2 1.1	.0 1.9 TRACE	.0 .0	.0 .0 .0	.n .0 .0	.0	.0	.0	.2 TRACE .2	6.3 2.8 3.8	15.7 19.2 9.0
T	2.2 TRACE	TRACE •2	.0	.0	•0	•0	•0	•0	1.I TRACE	5.7 5.4	29.0 29.3
	2.7 5.1	TRACE 8.4	• 0	•0	• 0	•0	•0	•0	• 2 • 5	1.8	16.1 20.7 8.5*

1			• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • • • •
1 + 1,04	• 0	• 0	•0	• 3	.0	.0	• 0	• 0	TRACE	5.5
14.7	5.4	2.0	•0	• 0	• 0	• 0	2.7	9.0	19.1	49.1
2,5	.5	TRACE	• າ	· 0	• 0	. 0	• 1	1.8	4.9	23.3
تان	TRACE	•0	• 0	• 2	٠,٥	• 0	• 0	1.1	4.5	21.9
.563	1.570	.312	•000	.000	.000	•000	•435	2.234	3.839	9.062
1271	1229	1271	1230	1271	1271	1227	1240	1200	1240	14887
• • • • • •	• • • • • • • •	• • • • • • • • •	•••••	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •

24.9 OCCURRED 01 01/73

FJR

HARDED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION FATUSAFETAC, ASHEVILLE NO

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER:		LS	T TO UTS	: +05					MONTH:		400
YEAR	PAL	FES	MAR	APR	MAY	אטע	JUL	QUA	SEP	901	
46		.6			.0		. · · · · · · · · · · · · · · · · · · ·	••••••••••••••••••••••••••••••••••••••	•0	.0	• • • •
47		1.8				ó					Ţ٩
	3.5	5.3	TRACE	•0	Ď		• 0	• 0	• 0	.0	,
49	3.5	•3	1.0	TRACE	•0	• 0 • C	.0	• 0	. Š	•0	
51			1.4	TRACE	• 0	• 0		• 0		TKACE	
5.5	. 4	1.3	1.2	TRACE	.0	• 0	. o	• 0	• C	TRACE	
53	1.5	TRACE	1.6	1.5	. 0	• 0	.0	•0	• 0	.0	
54	2.8	4.0	2.5	. 3	2.0	•0	• 0	• 0	• 0	• 2	
55	1.0	1.9	1.1	•0		• 0	• 0	•0	• 0	• 0	
55		• 7		TRACE		• 0	.0	•0	• 0	c •	
57	3.4	2.6	2.3	TRACE		• ?	• 0	• ೧	• 0	TRACE	ŢΞ
58	1.3	1.4	3.9	TRACE	• 0	• 0	.)	• 0	• 0	• 0	
59	2.3	. 7	6.2		• 0	• 0	• 0	• 0	• 0	• 0	
60	• 5	3.0	3.7	TRACE	٠٥	• 0	.0	• 3	• 0	.0	
	3 . ≈	4.5	TRACE	. 4	٠.)	• 0	٠٥	• 0	•)	٥.	
6.2	1.7	5.4	9.5	1.1	• 0	• n	•)	• ()	• C	2.7	T٤
63	3.5	1.9	• 2	TRACE	• 0	• 0	• ?	• 0	• 0	•0	
64	4.5	2.0	1.0	1 KACE	• 0	• 0	• 0	• 0	• 0	• 0	
65	5.1	4.5	1.2	. 3	• 0	• 0	• 0	• 0	• 3	• 0	
6 6		5.1	. 7	1.0	TRACE		• 0	•0	C.	• 0	
6.7	• •	6.4	4.7	• າ	• 0	• 0	•)	. 0	• ၁	• 5	
5≅	4.7		1.0	TRACE	• 0	• 0	• 0	• 0	• 0	• 0	
59	• 🐬		3.5	TRACE	• 0		• 0	• 0	• 0	• 0	
70	2.7	• 8	2.5	• 4	• 0	• 0	• 0	• 0	• 3	• 0	
	1.3	5.6	2.7	TRACE	с.	• 0	. 0	• 0	.0	.0	
	1.7	5.4	• 3	• 3		• 2	• 0	• 0	• 0	TRACE	
73	3.0	• 5		3.4	• 0	• ၁	• 0	• ?	• 0	• 0	ΤF
74	1.6	1.3	4.2	. 4		• 0	• 0	• 0	• 0	. 4	
7 5	2.0	•3	2.2	TRACE	• 0	• 0	.0	• 0	.0	• 0	
75	2.3	• 5	. 4	· 0		• 0	• 0	• 0		TRACE	
77	4.1	5.3	1.1	TRACE	• 0	• 0	• ?	• 0	• 0	• 0	
7 8		• 8	2.0	TRACE	• 0	• 0	• 0	• 0		TRACE	₹ ;
79	4.3	5.4	. 7	TRACE		•0	•)	• 0		•0	11
30	2.3	2.4	• 3	TZACE	.0	• 0	• 0	• 0	.)	. 0	

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

: AL	TO: +05	KENBACKER				MONTH	I: ALL	HOURS: A		
110 /	- APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV		ANNUAL
0	TRACE	.0		• 7	• 0	• 0	• 0	• 0		2.0
F =	•0	• 0	•0	• າ	• 0	• 0		TRACE		1.9
9	•0	•0	• 0	• 0	• 0		• 0	• 0	3.4	9.5
	TRACE	• 0	• 0	• 0	• 0	• ၁				3.5*
4 4 7	TRACE	• 9	• 0	0.	•0	. 3	TRACE	. 4	6.2	6.2*
4	TRACE	•0	• 0	. O	• 0	• 0	TRACE	3.4	2.1	3.4
7	1.5	• 0	•0	• 0	•0	• 0	• 0	1.7	2.7	2.7
1 2	, 3	2.0	• 0	• 0	• 0	• 0	• 2	. 1	1.0	4.9
2	•0	• 0	• 0	• 0	· 0	. O	• 0	4.2	1.0	4.2
5 [TRACE	• 3	• 0	• 0	•0	• 0	• 0	•5	• a	6.9
	TRACE	• 0	• 0	• 0	• 0	• 0	TRACE	TPACE	5.8	5.3
ч 1	TRACE	• 0	• 2	•)	• 0	• 0	• 0	8.8	4.5	8.8
1	TRACE	• 0	• 0	c.	• 0	• 0	• 0	3.1	4.1	6.2
o	TRACE	• 0	• 0	.0	• 0	. O	• 0	1.0	5.0	5.0
) .ધ	.4	•)	• 0	• 0	• 0	• 0	• 0	1.0	2.8	4.5
ŗ	1.1	• 0	• 0	•)	• 0	• 0	2.7	TRACE	4.9	9.6
4	TRACE	.0	• 0	• 0	• 0	• 0	• 0	. 4	3.4	3.6
O.	TRACE	• 0	• 0	• 0	• 0	• 0	• 0	1.0	1.0	4.5
7	.3	• 0	• 0	• 0	.0	• 3	• 0	2.7	1.8	6.1
7	1.0	TRACE	• 0	. 0	• 0	• 0	• 0	2.7	1.9	5.1
4,	.)	• 0	• 5	•)	. 5	• 0	. 5	2.6	2.3	5.4
1	TRACE	• 0	• 0	• 0	• 0	•0	• 0	1.1	3.0	4.7
. 7	TRACE	• 0	• 0	• 0	• 0	• 0	• 0	1.9	3.0	3.5
်	.4	• 0	• 0	• 0	•0	.5	• 0	•6	• 4	2.7
. 1	TRACE	• 0	•0	. 0	• 0	• 0	• 0	1.1	. 3	5.6
, c	3	• 0	Ď	•0	•0	•0	TRACE	2.5	1.2	5.4
<u></u>	3.4	•0	ó	ň	• 5	•0	•0	TRACE	2.3	3.4
, 4	.4	•0	•0	• 0	. ó	•0	. 4	.4	2.4	4.2
٠ ٦	TRACE	• 0	• 0	•0	•0	.0	• 0	•8	1.3	2.2
, 5	. o	• 0	• 6	• 0	• 0	. 0	TRACE	1.5	1.5	2.8
ું વ	15703	• 0	• 0	• 7	•0	.0	•0	1.9	2.2	5.3
:E	TRACE	•0	.0	• 0	.0	•0	TRACE	TRACE	. • <u>.</u>	5.4
	TRACE	ň	• 0	• 0	.0	.0		TRACE		6.4
, 4	TRACE	• 0	• 0	• 0	•0			3.4		3.4
ľ "	1 '`~	• •	• 0	• •	• 0	• 5	• 0	2.4	2.0	J • 4

OPERATING LOCATION (A) USAFETAC, ASHEVILLE NO

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES

STATION NUMBER:	724235	-	TATION NA ST TO UTC	ME: RICKE : +05	NEACKER	ANGS OH			PERIOD HINCM		0001 4 HOURS:
YEAP	JAN	FE8	MAR	APR	MAY	NUL	JUL	AUG	SEP	TOC	NC.
81	1. 1	1.3	.5	.0	.0	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • •	.0		. 1
92	2.5	2.7	1.0	1.5	• 0	• 0	. ၁	. ว	• 0	•0	TRACÉ
A3	• 5	1.3	1.0	TRACE	• 0	• 0	• 0	.0	. 0	• 0	• 2
34	2.5	5.5	1.0	TRACE	. 0	. 0	• 0	• 0	• 0	.0	1.1
35	3.7	4.9	TRACE	• 2	•0	C.	• 0	• ?	• 0	.0	TRACE
45	1.0	2.7	1.3	TRACE	• 0	• 2	• 2	• 0	•0	• 0	• 2
87	1.4	2.0	3.0	7.9	. 0	• ?	• つ	• 0	• 9	.0	. 4
ಗ ತ	2.0	1.4									•

• • • • • • • • • • • • • • • • • • • •			*******	• • • • • • • •		• • • • • • • •	, • • • • • • <i>•</i>		• • • • • • • •	• • • • • • • •	• • • • • •
CREATEST	9.3	4.5	9.5	7.9	2.9	• 0	•0	• 0	• (2.7	ત્રું લ
TOTAL 035	1271	1165	1271	1229	1271	1230	1271	1271	1227	1240	1200
	• • • • • • • • • • • •	• • • • • • • •			· • • • • • • • • •	• • • • • • • •	• • • • • • • •	,			• • • • • •

THE RELATEST VALUE OF 9.6 GCOURRED ON 03/05/62

NOTE: *THE VALUE IS VASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE

EROM SUMMARY OF YEAR MOUNTS IN INCHES

	4E: RICKE : +05	NBACKER	HC BDFA		PERIOD OF RECORD: 4601-4909,5102-8802 MONTH: ALL HOURS: ALL					
	APR	MAY	LUL	JUL	AUG	432	OCT	NOV	DEC	ANNUAL
	.0 1.3 TRACE TRACE	.9	.? .0 .0	.0 .0 .0	.0 .0 .0	.0	.0	.1 TRACE .2 1.1 TRACE	3.3 1.8 1.5 3.1	3.3 2.7 1.5 8.5 4.9
; ;	7.9	.0	• ?	• 0	• 0	•0	•0	• 2 • 4	• 4 • 7	2.7 7.3 2.0*

7.9	2.0	• 2	• ?	•0	•0	2.7	8.9	5.2	9.6
1229									14887

9.6 OCCUPRED ON 03/05/62

1860 JN A MUNTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH.

3 - 3 - 33

DPERATING LOCATION *A* PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHEST USAFETAC, ASHEVILLE NO FROM SUMMARY DE DAY DATA

		STATION NAME: RICKENBACKER ANGB OHLEST TO UTC: +05							PERIOD OF RECORD: MONTH: ALL HOURS		
AMOUNTS (INCHES)	NAL	FEB		ΔPK	MAY	NUL	JUL		SEP	аст	
NONE	54.7	63.4	33.7	98.3	100.0	100.0	100.0	100.0	100.0	99.9	
TRACE	14.2	12.5	6.5	1.0						.1	
1	9.9	7.3	3.3	. 4							
2	7.3	4.0	2.4	• 2							
3	3.5	3.8	1.2	. 1							
4-6	2,4	6.1	2.1								
7-1?	3.0	2.6	. 3	• 1							
13-24	• 3	• 2									
25-36											
37-48											
49-60											
61-120											
OVER 120											
	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • • •	• • • • • • •	• • • • • • • •	•••••	
DAYS WITH HEAS AMTS	31.0	24.1	9.7	. #							
THTAL NO. OF DESERVATIONS	1344	1240	1352	1317	1354	1320	1364	1395	1348	1364	

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHEST

NAME: NTC: +0		ACKER AND	SB OH			PERIOD OF MONTH: AL		4208-49 S: ALL	09,5102-8	802
44 8	<u>ል</u> ዎዘ	MAY	NUL	JUL	AUG	SEP	· ac1	νсν	DEC	ANN
43.7	98.3	199.0	100.0	100.0	100.0	100.0	99.9	94.2	70.9	88.9
5.5	1.0						• 1	3.0	9.3	3.8
3.4	• 4							1.4	7.5	2.4
2.4	• 2							•8	5.3	1.6
1.2	• 1							• 2	2.3	1.0
2.1								. 3	3.9	1.7
. 3	. 1							• 1	• 4	•5
										•0

2.8 19.9 7.3 1352 1317 1364 1320 1364 1395 1348 1364 1315 1339 16062

8 - 4 - 1

1

OPERATING LOCATION 'A'
USAFETAC: ASHEVILLE NO

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

	MBER: 7242	LS	T TO UTC	: +05					HTMCM	OF RE	
rear .	rat	FEB	MAR	APR	YAM	JUN	JUL	AUG	SEP	זסכד	••••
42	• • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	· · · · · · · · · · · · · · · · · · ·	0	0	• • • • •
43	2.8	2*	2*	2	0	0)	ó	ŏ	ŏ	
44	0	2*	5*	ō	o	0	0	0	Ö	0	
45	4*	4*	0	ŏ	ò	ō	Ö	õ	ō	ŏ	
45	1	TPACE	TRACE	0	О	2)	0	С	0	
47	1	TRACE	5	0	0	?	2	0	С	0	Ţ₽,
48	9	8	1	0	0	9	0	0	0	0	
49	2	4	2	0	0	0	0	0	o		
51		9.40	2	TRACE	0	0	0	0	0	0	
5,7	TRACE	1	2	0	O	n	?	0	0	0	
53	2	TRACE	3	2	0	?	7	ე	0	0	
54	3	1	4	TRACE	0	0	9	0	0	2	15
55	3	3	1	0	ð	0	0	0	ð	0	
56	5	1	7	0	າ	0	0	9	О	9	
57	4	2	3	TPACE	0)	3	0	0	0	
5 %	1	1	4	•	9)	7	0	\mathcal{C}	0	
59	4	1	5	0	0	7	7	ŋ	e	0	
60	TRACE	4	6	0	0	O	0	0	3	0	
61	7	7	TRACE	TRACE	Ó	o	0	U	0	9	18
62	2	5	10	TRACE	0	7	3	0	9	TRACE	
63	5	4	TRACE	С	0	0	າ	0	0	2	12
64	R	3	1	0	0	0	0	?	0	n	
65	भ	5	1	C	3	0	0	С	0	0	
5 6	8	14	1	1	0	0	0	O	С	С	
57	?	6	ŧ,	0	0	0	•	2	•	?	
5 3	7	1	1	0	0	c)	0	0	3	
69	1	1	TRACE	0	0	0	Э	0	0	9	
70	6	1	4	0	Э	0	0	0	0	0	
71	2 2 2	7	2	c	0	0	o	0	0	o	
72	2	4	1	TRACE	0	2	Ú	0	O.)	
73	5	TRACE	1	2	0	0	0	Э	n	С	
74	3	2	5	TRACE	Ō	0	o	Ō	0	0	TE
75	3	1	2	TRACE	Ō	ā	Ō	0	0	o	

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

247

	AME: RICKEN C: +05	NBACKER #	MG8 DH		PERIOD OF RECORD: 4208-4909,5102-8802 MONTH: ALL HOURS: ALL					
ŀ	APR	MAY	NUL	JUL	AUG	SEP	ост	NOA	DEC	ANNUAL
J.	• • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	0	0	0	2	4×	4*
ŀ	• 2	0	0	0	ö	0	0	0*	2*	2*
1	٠ ٥	0	0	0	0	О	0	0	6	6*
ſ	o)	0	0	õ	0	0	0	6*	6*
Ì	О	0))	0	С	Ō	0	TRACE	1
ł	0	0	7)	0	C	0	TRACF	5	5
t	0	0	9	0	Ω	0	0	0	2	9
ı	o	0	0	0	0	0				4 *
Ì	TRACE	С	0	0	0	0	0	1	10	10*
ŧ	?	C	0	?	0	0	0	2	4	4
1		0	9	0	9	0	n	1	2	2
1	TRACE	0	0	9	0	0	0	TRACE	1	4
1	0	o	0	0	0	0	Ō	3	2	3
1	0	o	O	0	0	О	0	1	1	7
l	TRACE	O	0	j	ņ	0	0	Ō	6	5
l	2	9))	Ģ.	Č	õ	7	4	7
ŧ	0	ō	9	?	ņ	0	О	5	2	5
1	0	0	C	0	0	0	0	1	9	9
į	TRACE	0	0	0	O	0	0	TRACE	4	7
1	TRACE	9	Ĵ	্	0	0	TRACE	0	4	10
1	0	Ō	<u>o</u>	?	ō	0	3	TRACE	5	6
1	9	0	0	0	0	0	0	1	1	8
1	Э	0	0	0	0	0	0	0	1	8
1	1	9	0	0	0	0	0	3	3	14
ł	õ	o o	0)	2	0	0	1	4	6
1	2	0))	ó	0	0	Ö	3	7
₹	0	C	9	2	0	0	0	1	5	5
l	0	3	0	0	0	0	0	0	0	6
ł	2	0	0	0	0	0	0	1	TRACE	7
1	157CE	0	2	2	0	Ō	Ĵ	3	1	4
l	2	0	0	0	0	0	0	0	4	4
ĺ	TRACE	0	0	0	õ	0	0	TRACE	1	5
ſ	THACE	0	0	0	0	0	0	0	l	3

USAFETAC, ASHEVILLE NO

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER:	724235		AN NOITA	NAME: RICKENBACKER ANGB OH JTC: +05						PERIOD OF RECORD: MONTH: ALL HOUR		
YEAR	FAY	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	• • • •	
76	4	1	TRACE	0	0	0	••••	0	9	0	• • • •	
77	9	9	1	TRACE	0	0	•	0	0	0		
78	15	8	4	0	0	0	0	0	0	0		
79	7	10	1	0	o	0	0	0	0	0	TRA	
80	4	4	1	0	0	0	0	9	0	0		
81	4	1	1	0	0	2	o	0	0	0		
82	4	4	1	1	0	0	0	0	0	0		
83	1	2	1	0	0	0	0	0	0	0		
84	3	11	ತ	o	0	- 0	0	0	0	0		
85	5	7	, û	, G	0	9)	0	0	0		
96	2	4	3	9	n	2	2	0	C	0	187	
87	1	2	4	8	0	0	0	9	o	0	TRA	
88	2	2								_		

• • • • • • • • •	• • • • • • • • • • •	• • • • • • •		• • • • • • • •	• • • • • • • •	• • • • • • • • •	•••••	•••••	• • • • • •	• • • • • • •	• • • •
GREATEST	15	14	10	3	o	0	0	0	0	TRACE	
TOTAL DAS											

THE GREATEST VALUE OF 15 OCCURRED ON 01/21/78

NOTE: ATHE VALUE IS BASED ON A MONTH WITH LESS THAN BOO OF THE DATA AVAILABLE FOR T

FROM SUMMARY OF DAY DATA

	ME: RICKE : +05	NBACKER /	ANGB OH		PERIOD OF RECORD: 4208-4909,5102-8802 MONTH: ALL HOURS: ALL					
• • •	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	VEN	DEC	ANNUAL
•••	0	0	0	· · · · · · · · · · · · · · · · · · ·	0	0	0	2	1	4
1	TRACE	0	9	c	0	0	o	2	2	9
٠,	0	0	0	0	0	0	0	0	TRACE	15
1	o	0	0	0	0	0	0	TRACE	TRACE	10
1	0	0	0	0	o	0	0	4	2	4
:	0	0	2	J	0	0	0	ŋ	4	4
:	1	0	0	0	0	0	0	0	0	4
1	Ō	Ö	0	0	0	0	0	0	1	2
	c	0	0	0	0	O	O	0	4	11
••	0	0	Ō)	e	0	0	0	2	7
ŧ.	ე	n	0	Э	0	0	0	TRACE	TRACE	4
.,	8	0	0	0	0	0	0	TRACE	TRACE	8 2*

j	3	o	0	0	0	0	TRACE	7	10	15
	1317									16062

15 DCCURRED 3N 01/21/78

BANKO ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION '4' USAFETAC, ASHEVILLE NO

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR FROM SUMMARY OF DAY DATA

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGS OH PERIOD OF RECO SNOW-YEAR: 1 . FIRST FIRST FIRST LAST LAST SNOWE ALL MEASURABLE MEASURABLE MEASURABLE SNOWEALL SNOWFALL SNOW DEPTH SMOW-YEAR SNOWEALL NOV 29 43 43 -DEC 10 44 44 -45 DEC 12 45 -45 JAN 91 JAN 01 **DEC 14** VD5 15 FEB 24 46 -47 0EC 15 JAN 04 MAR 26 DEC 01 MAR 26 47 -FEB 22 MAR 28 DEC 23 0£C 23 48 NOV 24 48 -49 DEC 10 DEC 10 DEC 19 **APR 17** MAR 18 MAP 14 VAP 13 APP 17 50 -5.1 442 13 MAR 19 OCT 31 51 -52 NOV 02 KO VCM APR 06 MAR 09 52 -OCT 28 NOV 29 APR 21 **APR 18** 33 NOV 29 53 -43V 05 NOV 37 MAY 09 MAY 09 NOV 27 54 54 -55 321 30 JCT 31 0=0 20 MAR 27 MAP 26 1114 24 NOV 18 100V 18 APR 13 MAR 24 56 -57 NOV DB NOV 23 NOV 24 APR 13 MAR 08 57 -APR 07 OCT 26 DEC 03 DEC 04 53 MAR 15 58 **-**59 NOV 23 85 VON NOV ZB APR 12 **MAR 13** APR DO MAP 26 50 -17V 75 40 43V 26 NOV 26 APQ 02 50 -51 MRV 06 NOV 29 NOV 30 755 Sa 61 -NOV 08 NOV 19 DEC 23 APR 20 APR 20 62 62 **-**53 **SCT 24** OCT 25 DEC 06 APR 30 MAR 21 4PR 08 NOV 02 MAR 30 54 NOV 13 DEC 03 54 -55 MOV 19 .40A 33 NDV 30 442 27 MAR 25 55 -"AY 11 APP 09 NOV 17 56 NOV 17 DEC 21 56 -NOV 02 NOV OZ NOV 03 MAR 22 MAR 20 57 57 -DCT 28 JCT 28 NOV 30 APR 24 MAR 23 68 DEC 18 4PR 19 **68** -59 NOV 09 NOV 09 MAR 26 49 -VDD 06 N3V 13 70 19V 13 NOV 15 APR 05 70 -1177 24 3PK 02 MAR 23 110V 25 JAN 17

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR FROM SUMMARY OF DAY DATA

AME: RICKENBACKER ANGS OH PERIOD OF RECORD: 4208-4909,5102-8802 SNOW-YEAR: 1 AUG - 31 JUL

idST Syptage Syptage	FIRST MEASURAPLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	SNOW DEPTH
}	NOV 29			APR 15
ł .	DEC 10			MAR 21
1	DEC 12			FEB 06
Vii - 01	DEC 14	APR 12	FEB 24	JAN 23
rc 15	JAN 04	MAR 26	MAR 26	MAR 26
C 23	0EC 23	MAR 28	FEB 22	MAR 11
.C 10	DEC 19	APR 17	MAR 18	MAR 17
13	MAP 14	APR 17	MAR 19	MAR 20
,v 02	KO VEN	APR 06	MAR 09	MAR 01
14 29	N3V 29	APR 21	APR 18	APR 19
OV 37	NOV 27	MAY 09	MAY 09	MAR 11
17 31	DEC 20	"AR 27	MAR 26	MAR 26
W 19	≒00 1 3	APR 13	MAR 24	MAR 19
N 23	NOV 24	APR 13	MAR 03	MAR 09
Ç 03	DEC 04	APR 07	MAR 15	MAR 15
77 36	85 VCK	APR 12	MAR 13	MAR 14
¥ 36	NOV 36	Abs 00	MAR 26	MAR 26
W 39	NOV 30	APR 29	APP 02	FEB 25
. 19	DEC 23	APR 20	APR 20	MAR 31
01 25	DEC 06	APR 30	MAR 21	FEB 28
'V 13	DEC 03	APR 08	MAR 30	MAR 12
1/ 33	NOV 30	4A2 27	MAR 25	MAR 25
17	DEC 21	"AY 11	APR 09	4PR 09
. v 52	NOV 03	MAR 22	MAR 20	MAR 20
90 1 29	NOV 30	APR 24	MAR 23	MAR 24
N 39	DEC 18	APR 19	MAR 26	FEB 12
. 7 13	NOV 16	APR 05	ADD 06	MAR 29
jγ <u>3</u> 5	J4N 17	APR 02	MAR 23	MAR 23 /

UPERATING LOCATION *4***** FIRST AND LAST DAYSHOF OCCURRENCE BY SNOW-YEAR USAFETAC, ASHEVILLE NO FROM SUMMARY OF DAY DATA

			ENBACKER ANGB OH		PERIOD OF RECORD: SNOW-YEAR: 1 AUG
SNOW-YEAR	FIRST SNOWEALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE ME SNOWFALL SN
71 - 72 72 - 73 73 - 74 74 - 75 75 - 76 76 - 77 77 - 76 78 - 79 79 - 40 90 - 31 31 - 22 32 - 33 83 - 84 84 - 35 85 - 86 86 - 67 87 - 88	NOV 03 OCT 18 NOV 05 OCT 19 NOV 13 OCT 27 NOV 10 OCT 16 NOV 15 NOV 17 NOV 20 NOV 04 100V 11 NOV 20 NOV 20 NOV 20 NOV 20 NOV 21 NOV 21 NOV 21 NOV 21 NOV 21	NOV 06 NOV 26 OEC 10 OCT 20 NOV 25 NOV 27 OEC 24 JAN 04 NOV 17 NOV 20 OEC 10 MOV 11 NOV 18 DEC 05 NOV 13 NOV 20	NOV 07 NOV 28 DEC 15 DEC 01 DEC 29 NOV 29 NOV 28 JAN 03 JAN 05 NOV 13 DEC 17 JAN 17 OEC 03 DEC 04 DEC 14 JAN 11 JAN 28	APR 08 APR 12 APP 09 APP 14 MAR 17 APR 06 APP 02 APR 07 APR 15 MAR 21 APR 10 APR 19 APR 19 APR 19 APR 22 APR 05 FEB 27	APR 02 APR 12 APP 0H MAP 10 MAR 16 MAR 01 MAR 03 MAR 14 MAR 14 MAR 20 APR 09 MAR 22 MAP 13 APP 08 MAR 07 APR 05 FEB 25
MEDIAN-DATE	MOA Ob	50V 24	DEC 05	VSK Od	MAR 22

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR FROM SUMMARY OF DAY DATA

08-5 31 4 ST	ION NAME: RICK	ENBACKER ANGROUM		PERIOD OF RECORD: 4208-4909,5102-8802 SNOW-YEAR: 1 AUG - 31 JUL			
01.51 01.51	"FASURABLE	≇IRST ME4SURABLE SNOW DEPTH	LAST	LAST	LAST Measurable		
RR0980101011010101010101010101010101010101	NOV 06 NOV 26 NOC 10 NOV 25 NOV 28 NOV 27 OFG 24 JAM 04 NOV 17	NOV 07 NOV 28 DEC 15 DEC 01 DEC 29 NOV 29 NOV 28 JAN 03 JAN 05 NOV 13 DEC 17 JAN 17 DEC 09 DEC 04 DEC 14 JAN 11 JAN 28	APR 08 APR 12 APR 09 APP 14 MAR 17 APR 06 APP 02 APR 15 MAR 21 APR 10 APR 10 APR 19 APR 19 APR 22 APR 05 ESS 27	APR 02 APR 12 APP 08 MAP 10 MAR 16 HAR 01 MAR 08 MAR 14 MAR 20 APR 09 MAR 20 APR 09 MAR 22 MAP 13 APP 08 MAR 07 APR 05 FEB 25	MAR 24 APR 12 MAR 26 MAR 11 FEB 01 MAR 01 MAR 13 MAR 15 MAR 20 APR 09 MAR 11 MAR 13 FEB 22 MAR 09 APR 09 APR 09		
2 13	113V 24	DEC 05	የ ኔና ጋዕ	M&R 22	MAR 15		

рррррррр	AAAAA		RRRRRRRR		**********	ccccc		
bbbt obbbb	AAAAA	AAA	RRRRR	RRRR	TTTTTTTTT	ccccccc		
рр рр	** A A	AA	28	RR	TT	cc · · · · · · · · · · · · · · · ·		
pp pp	AA	AA	RR	RR	TT	cc		
ορορορρο	ΔД	AA	RRPRR	RRRR	ŢŢ	CC		
рроррорр	AAAAAA	AAA	RRRRR	RRR	ŤŤ	CC		
PP	AAAAAAA	AAA	RR	RR	TT	· CC		
PΡ	AA	AA	RR	RR	ΪŤ	ČČ CC		
т рр	AA	AA	22°	RR	**************************************	ccccccc		
קכ	AA	AΑ	PR	RR	TT	ccccc		
						- · · · · · · · · · · · · · · · · · · ·		

and the second of the second o

en de la companya de la co

and the second of the second

and the second s

and the second of the second o

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK FIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF PEAK SPEEDS ARE AVAILABLE.

- PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

 ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL

 YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP

 INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY

 AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE

 MEANS, MEDIANS, AND TOTAL GOOSERVATION COUNTS. THE VALUES IN THIS SUMMARY

 ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.
- WIND DIRECTION VS WIND SPEED-PERCENT OCCURRENCE FREQUENCY.
 THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE
 THE DATA AS FOLLOWS:
 - BY SIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
 - BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
 - BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREDUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL MIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, AFE PRINTED BELOW EACH SUMMARY.
- ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR FOUAL TO 1/2 MILES (0800 METERS). THE CEILING MUST BE GREATER THAN OR FOUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EGUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METER

CONVERSION: 1 KNOT = .514791 METERS PER SECONO

OPERATING LOCATION 'A'
USAFFTAC, ASHEVILLE NO

PEAK SURFACE WINDS IN KNOTS FROM SUMMARY OF DAY DATA

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGS SH PEKIND OF RECORM LST TO UTC: +05 MONTH: ALL YEAR JAN FEB MAR APR MAY JUN JUL AUS YEAR OC T • • • • • • CM *43 454x27 3.0 ÷. 46 ic 10 54 39 SN 36 54 53 \$ 44 Sw *42 # *42 ×(e ESE*34 SSW#28 ** NN 55 ×. * n/c * \$\$E*45 AMW*20 \$ *27 \$\$4*34 WSW*30 45 1 43 SSW 35 40 Sr 43 Sn 35 *32 NNN*36 45N 37 Sri 43 SW 궈덕국왕군유 51 5.2 4,1480.3 51 5.3 43 MW 53 MW 44 SS# 41 52 SW 35 5.4 5,4 47 d 40 51 WS# 48 NNW 30 MW 39 WSW 39 53 SW 42 S d 50 พSW 36 A NNW 47 WSW 5a 38 55 WIN 60 wNW 40 NNA 43 54 53 5 SH 49 WS# 46 NH 59 WN# 41 d 5 h wSH 46 N'NN 45 45 N 44 WSW 50 75 All N 30 15m 36 10.07 31 WSN 34 45% 32 554 44 1144 23 32 51 47 5 Sm 32 WNW 31 WSN 54 57 \$ 31 454 3) WSW 55 45× 29 59 33 454 45 25 454 23 5 ?2 NS A WIA 75 54 454 36 30 WSA 23 WNA 34 WNW 42 WN# 35 SH 32 27 WS# 2# 114 4217 SE 37 5~ 37 59 A34 43 35 11 ·+ 7 ri 39 45H 25 33 WSX 27 20 S'n 45 x 32 43 4NW 55 19 50 59 40 41 HH13 34 41 40 30 44 SH #23 SH *23 24 44 825 54 40 9.4 wSw*37 27 4 *23 WWW 30 3,4 3.2 11n 42 43 per. # *42 ASA#30 3 842 SW *45 4 *31 ME #42 CEANNE 63 11 225 454×30 1.1 NSW 40 57 113 A 4. 27 54 43 WWW 54 SW 44 SSh 33 4SW 25 N 36 54 ~ ri £3£ 41 454 38 a Sal 35 N'44 49 55 45A 42 4.3 45n 40 31 38 3) 54 45 x 42 30 WS# 32 1.7 54 30 ঘামুন্ন সুক SA o) 3. · . A A . A 31 44 45 45% 27 17 Ţ., \$ 50 m 1014 43 4 49 ... 35 34 WSA 24 34 SW 38 \$4 35 34/ 31 18/ 54 29/ 30 23/ 32 23/ 3.3 SW 47 5% 34 WN4 42 **5**) 35/ 35 37/ 26 21/ 30 23/ 35 27/ 40 22/ 41 24/ 25 201 217 35 35/ 39 21/ 30 24/ 37 27/ 57 31/ 34 33/ 30 10/ 31 217 32 21/ 35 20/ 38 29/ 32 23/ 30 221 31/ 51 277 29 247 42 21/ 35 217 33 32/ 40 347 50 20/ 55 20/ 34 197 31 3.7/ 13/ 36 21/ 26 22/ 44 33/ 32 33/ 37 33/ 31 29/ 35 17/ 44 22/ 42 27/ 35 32/ 34 25/ 50 25/ 42 241 247 43 27/ 46 22/ 44 11/ 44 29/ 47 20/ 44 221 33/ 43 23/ 44 24/ 51 23/ 45 25/ 55 26/ 41 23/ 32 03/ 35 23/ 33 21/ 31 221 29/ 35 33/ 34 27/ 44 25/ 45 251 297 52 35/ 45 26/ 54 21/ 40 27/ 35 21/ 40 23/ 34 27/ 42 25/443 24/ 26 341 24/ 37 24/ 49 21/ 45 237 31 24/ 43 20/ 27 34/ 25 20/ 37 241 22/ 16 7 7 3.1 44 27/ 42 307 45 23/ 40 24/ 40 27/ 40 24/ 25 35/ 28 74 247 61 34/ 25 21/ 23 21/ 50 24/ 35 34/ 49 25/ 27 24/ 44 24/ 27 32/ 25 251 24/ 35 07/ 33 7) 317 31 of/ 30 24/ 42 29/ 50 29/ 29 25/ 36 25/ 32 23/ 53 28/ 31 221 207 41 30/ 40 321 3% 23/ 33 27/ 40 29/ 29 33/ 40 327 60 34/ 34 21/

ì

PEAK SURFACE WINDS IN KNOTS FROM SUMMARY OF DAY DATA

:

j

1 2 3

ሳ ነ

4. ! ~

PERIOD OF RECORD: 4601-4909,5102-3802
ATTIVIC: +05

MONTH: ALL HOURS: ALL

MAR APR MAY JUN JUL AUG SEP DCT NOV DEC ANN

44.4°	å₽R	MAY	JUN		405	SEP	UCT	NOV	DEC	ANN
2 c	* * * * * * * * * * * * * * * * * * *	*******		*	s i c	3(6	4	*	*	SN #43
1 6 53	5 44	Sa *42	1 842	Ø.	955 *34	S2M*58	*	/e	*	SW *53
**	\$\$4*34	*	SSE*45	w11W*20	5 *27	NN 55				NW *56
Sa 43	SA 40	S4 43	55% 35	Sin 35	* *35	NN4*35				SW *56
é	ų.	*	444450	*	ic	*	*	*	*	444*2B
ويت	3 43	Mat 53	1 47	Mal 44	SSK 41	н 52	SW 35	SW 52	되고 2의	WHW*59
7 (1)	4 50	#S% 39	4SA 35	WSW 43	4 50	UNW 47	NNW 30	WSW 32	SW 51	W 50
5 55	SA 49	NSA 45	A:14 50	NW 09	NYN 40	NNA 43	WNW 41	a 40	SA 52	11A 69
74	454 40	n 51	สรส 45	48n 36	45H 44	#SH 50	WNW 42	ri 47	484 35	SA 74
; 44	454 21	Sm 32	444 23	44 4)	\$ 32	WS% 32	WWW 31	54 36	554 39	Wux 72
	484 55	45× 54	854 45	10 25	45% 20	MSH 23	S 22	MSW 33	SST 30	4SH 55
33 23	444 34	A . A 42	A44 75	344 35	SH 32	₩ 2 7	WS4 2∃	작씨 31	4 58	4NW 75
7	n 39	454 25	SE 37	Sn 33	WSN 27	E 26	n' 37	Sw 32	28 NVN	a 47
. js 4	424 33	4 43	NNW 55	Sm 30	'. 32	W 19	\$\$ C 28	454 30	ri 30	4NW 55
4.)	41	h 40	4 30	4 44	Sa *23	Sa *23	# #34	× *27	11.4435	4 *44
. 53	"n 42	454437	14	a 3.7	94 826	n #23	MAM 30	A #30	4 39	4N *42
*4.	*42	SW #45	VE *42	C.E. 4 K/2"."	454×30	n *31	~S~*30	NW #30	4 *32	SH *45
. 6 43	vin 54	SN 44	854 40	SSW 33	w 57	NSW 25	ฟ 36	w 35	454 3I	₩ 57
55 41	tin 43	45x 38	45n 35	45h 40	n 31	NUA 49	⊮ 3ઇ	ALIA 43	SSW 33	NNN 49
4,2	e 35	MSN 32	·. 3 1	44	200	54 30	444 3ª	Sn 34	s 37	NA 44
♦)	. 45	n 49	3.0	4 34	450 27	450 24	w 34	A 31	≫ 31	N 50
3.4	Wil 42	Sa 34	S 4 35	34/ 31	18/ 54	297 30	23/ 32	23/ 38	241 44	14/ 54
. 17 3%	23/ 35	27/ 40	22/ 41	35/ 39	33/ 26	24/ 25	27/ 39	20/ 35	21/ 30	22/ 41
4/ 37	27/ 57	31/ 34	207 38	33/ 30	10/ 31	29/ 32	23/ 30	22/ 44	30/ 50	27/ 57
11.15	217 35	32/ 40	34/ 50	20/ 55	20/ 34	19/ 31	27/ 29	327 31	22/ 54	20/ 66
**/ •>	27/ 35	21/ 26	32/ 34	26/ 50	25/ 43	337 32	33/ 31	26/ 23	24/ 41	26/ 50
. 1 47	201 44	221 44	27/ 45	33/ 49	221 44	33/ 37	29/ 35	22/ 35	22/ 52	227 52
11 45	25/ 55	26/ 41	23/ 32	29/ 35	03/ 35	23/ 33	21/ 31	22/ 44	35/ 33	25/ 55
19/ 45	25/ 54	33/ 34	21/ 40	27/ 36	27/ 44	21/ 40	23/ 34	25/ 43	24/ 32	25/ 54
1849	24/ 49	81/ 45	237 31	24/ 43	29/ 27	34/ 25	25/ 25	24/ 27	257 30	24/*49
11 43	301 45	23/ 40	347 40	27/ 40	27/ 37	24/ 28	35/ 28	267 32	24/ 40	30/ 46
יני אווי	21/ 50	24/ 35	34/ 49	25/ 7	24/ 44	29/ 27	32/ 25	267 30	207 35	24/ 61
2.1 .2	29/ 50	29/ 29	25/ 36	25/ 32	23/ 53	28/ 31	24/ 35	22/ 31	23/ 49	28/ 53
27 35	23/ 33	27/ 40	29/ 29	33/ 40	32/ 60	34/ 38	07/ 33	21/ 34	29/ 35	32/ 60

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PEAK SURFACE WINDS IN KNOTS FROM SUMMARY OF DAY DATA

STATION NE	J4959: 724		ATION NAM T TO UTC:		(ENRACKE			тием	OD OF RECORD: H: ALL HOUR
YEAP	JAN	FEB	MAR	APR	MAY	UL NUL	L AUG	SEP	OCT N
31	30/ 25	24/ 34				30/ 35 <i>2</i> 5/ 2		23/ 26	
92	23/ 47	25/ 33	25/ 45 2	9/ 42	25/ 35	31/ 39 27/ 4	5 33/ 24	29/ 25	16/ 27 23/
83	337 29	24/ 28	28/ 33 1	3/ 35	23/ 43	24/ 30 20/ 3	1 31/41	21/ 30	23/ 33 14/
84	32/ 25	33/ 29	25/ 35 2	1/ 38	25/ 27	24/ 31 29/ 2	4 33/ 25	35/ 30	23/ 31 23/
35	20/ 37	31/ 31	28/ 44 2	4/ 44	23/ 39	24/ 40 28/ 3	2 28/ 27	30/ 26	29/ 31 28/
86	27/ 32	07/ 28	20/ 59 2	4/ 31	31/ 35	25/ 33 30/ 3	7 29/ 40	237 33	33/ 30 23/
37	24/ 34	35/ 33	26/ 31 3	5/ 42	30/ 25	12/ 39 15/ 3	4 33/ 32	34/ 38	26/ 29 21/
85	30/ 39	21/ 44							

GREATEST 24/ 51 WNW 72 SW 74 W 60 WSW 54 WNW 75 NW 69 32/ 60 NW 56 WNW 42 SW FOTAL 795 1235 1241 1153 1127 1149 1122 1136 1125 1119 1116 12

THE PEAK WIND OF 75 FROM WHW DCCURRED ON 06/13/58

MUSTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% DE DATA AVAILABLE FOR THE MINIMISTER IS 100 BY GREATER WITH LESS THAN 90% DE DATA AVAILABLE FOR THE MON

PEAK SURFACE WINDS IN KNOTS FROM SUMMARY OF DAY DATA

.A∾5: 13: +		KENBA	CKE	R AN	38 O	lH.								HOUR HUUR			909,5	5102-880	2
	APR	M	AY	••••	JUN	••••	JUL	, , , ,	4UG		SEP		Эст		VOV		DEC	Δ	NN
13/ 21/	33 42 35 38 44	27/ 25/ 23/ 25/ 23/	35 43 27	30/ 31/ 24/ 24/ 24/	39 30 31	25/ 27/ 20/ 29/ 28/	45 31 24		28 41 25	23/ 29/ 21/ 35/ 30/	25 30 30	24/ 16/ 23/ 23/ 29/	27 33 31	22/ 23/ 14/ 23/ 28/	31 43 30	26/ 21/ 24/ 13/ 25/	40 37 30	27/ 23/ 23/ 21/ 28/	47 43 38
	31 42	31/ 30/	-	25/ 12/		30/ 15/		2ª/ 33/		23/ 34/		33/ 26/		23/ 21/	-	31/21/	_	20/ 21/ 21/*	55

4 60 HSW 54 WNW 75 NW 69 32/60 NW 56 WNW 42 SW 52 21/55 HNW **7**5

PUM WHW SCCURRED ON 06/13/58

NIFO ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH OF GREATER WITH LESS THAN ROW OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS FROM SUMMARY OF DATA

יני מכדדמת יוי	JMRER: 724		P POLITAT TU CT T2		KENBACKEI	P ANGS OF	4			OD DE RE	CORD: 4601 HOURS: AI
•••••	• • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	WI!	ND SPEEDS	S IN KN	er e	• • • • • • • •	• • • • • • •	• • • • • • • • •
MONTH	CAUM-4	5-7	10-14	15-19	20-24	25 - 29	30-34	35-39	40-49	50-64	GE 65
JA'I	•7	5.7	21.7	25.0	20.3	12.0	a.o	2.7	1.9	.7	.0
reą	٠,٦	7.9	21.5	24.1	21.1	13.4	7.1	2.6	1.6	. 4	.1
AVS	• 0	3.7	15.9	26.6	22.5	14.2	8.3	4.4	3.7	• 5	.1
дэц	. 1	2.9	14.5	26.5	22.5	14.3	10.2	4.8	3.4	. 7	•0
MAY	. 1	5.2	24.0	29.2	21.3	10.3	5.3	2.1	2.1	• 3	.0
JU"	• 1	5.)	25.5	27.3	22.5	9.5	4.7	2 • 2	1.7	• 3	. 1
JUL	. 3	7.2	32.2	31.1	16.3	4.9	3.4	1.1	1.3	• 3	• 2
vne.	. 2	11.3	35.6	27.3	14.2	5.6	2.5	• 5	1.2	. 4	•0
950	• 3	11.4	33.5	2 - 7	17.2	5.5	1.3	. 4	.6	.3	•)
PCT	• 1	3.7	31.5	28.7	17.7	7 • ?	3.5	1.5	• 3	•0	•0
ษา∀	• 2	9.4	23.2	24.0	21.4	12.3	5.3	1.7	• 9	• 2	.0
pro	• 4	7.9	24.4	22.4	22.1	12.5	5. ?	2.4	1 • 2	. 7	• 7
AMPRIAL	• ?	7.6	25.3	26.7	19+9	10.3	5.5	2.2	1.7	. 4	• 0

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS FROM SUMMARY OF DAY DATA

	110	NME: RTCH D: +05	(ENBACKE)	R ANGS OF	ł			00 OF RE	CORD: 460 HOURS: A		5102-3802	
3.4	7	15-19	WI!	ND SPEEDS 25-29	30-34	35-39	40-49	50~64	GE 65	MEAN WIND	MEDIAN ONIW	TOTAL DBS
	; ; · ·	25.0	20.3	12.0	a.o	2.7	1.9	.7	.0	19.8	18.0	1205
2.2	ļ.,	24.1	21.1	13.4	7.1	2.6	1.5	. 4	.1	19.6	19.0	1081
۹.	. ,	25.5	22.5	14.2	8.3	4.4	3.7	• 5	. 1	21.7	20.0	1158
વાડ		26.5	22.5	14.3	10.2	4.9	3.4	.7	• 0	22.2	21.0	1127
7.	. ,	28.2	21.3	10.3	5.3	2.1	2.1	. 3	.0	19.3	19.0	1149
5.3		27.3	22.5	9.5	4.7	2 • 2	1.7	• 3	. 1	19.9	17.0	1122
4.	. ,	31.1	16.3	4.9	3.4	1.1	1.3	. 3	• 2	17.0	16.0	1136
7.:		27.1	14.2	5.5	2.5	• 5	1.2	. 4	.0	15.2	15.0	1125
	. 2	24.7	17.2	is _• π	1.3	.6	.6	. 3	• 9	16.2	15.0	1119
3.1	• •	28.7	17.7	7.3	3.5	1.5	• 3	• 2	• 0	17.1	16.0	1116
ĺ		24.0	21.4	12.3	5.3	1.7	• 9	• 2	.0	18.7	19.0	1071
		22.4	22.1	12.5	e	2.4	1 • 2	. 7	•0	19.1	19.0	1127
		?5.7	19.4	10.3	5.5	2.2	1.7	. 4	.0	18.8	17.0	13536

OPERATING LOCATION "A" USAFETAC, ASHIVILLE NO PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WERD HOURLY DRSERVATIONS

STA	TION NUMBE	R: 724285		4110N N T TO UT		CKENBAC	KER ANG	9 GH			O DE RE		1AR 79 5: 00-
• • •	• • • • • • • • •	• • • • • • • • • •	• • • • •	• • • • • • •	• • • • • • •	WIND 9	PEED IN	KNOTS	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •
	0142C1195 (056455S)	1-4	5-3	10-14	15-19	20-24		30-34	35-39	47-49	50-64	SE 65	TOTA %
(60)	350-010	2.9	2.9		• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	5.7
(:4)	3-0-010	249	2 • 7	• ,									3.7
	020-040	3. →	1.4	• 8									5.6
	050-070	٥.4	1 • 4	• 3									4.7
(ĉ)	080-100	1.)	.9										1.8
	110-130	رځ .	• 5										1.3
	140-150	1.3	2.2	, 7	• 2								4 • 5
(^)	170-190	3.3	4.5	1.5	• 2								10.1
	200+200	3.5	5.4	2.3	• Ē	• 2							12.2
	237-250	1. 2	· 1	3.1	. 4	• 4							12.3
(4)	250-230	2.4	2.9	4.7	1.5	. 4							12.3
	290-310	1.7	4.0	2.4	.8	. 2	• 1						9.1
	227-247	1.1	2.2	.7	• 2								4.3
•••	VA? IA 3L E	•••••	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • • •	• • • • • •	•••••	•••••	• • • • • •
	CALM	111111111	/////	//////	///////	//////	///////	//////	///////	1/////	///////	1111111	17.1
	TOTALS	?°•5	33.5	13.3	4 . 4	1.2	. 1						100.0
				Tu	TAL NUM	BER OF	OBSERVA	7104S	930				

PIRCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY PRSERVATIONS

SH

••• ••• ↑

» I 's

4.

5.

5.

	A4E: RIC	KENBACK	ER ANG	3 OH			D OF RE	CORD: +	1AR 78 6		8
• • • • •	• • • • • • •	WIND SP	eed in	KNOTS	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
7-14	15-19				35-39	40-49	50-64	SE 55	7074L %	MEAN WIND	MEDIAN GNIW
,)	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	•••••	6.7	5.3	5.0
• =									5.6	4.8	4.0
• 3									4.7	5.3	4.9
									1.8	4.3	4.0
									1.3	5.3	5.5
• ;	• 2								4.5	7.9	5.5
1.5	• 2								10.1	5.2	6.0
`• 5	۽ ۽	• 2							12.2	7.7	3.0
• !	• 4	• 4							19.3	8.3	8.0
·· . 7	1.5	• 4							12.3	9.8	10.0
	.8	• 2	• 1						9.1	8.7	8.0
• •	• 2								4.3	7.4	7.0
	• • • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
11,11	////////	//////	//////	//////	///////	//////	//////	///////	17.1	//////	/////
	4.4	1.2	.1						100.0	5.2	7.0
Ť.a1	TAL NUMBI	ER DE O	3 SERVAT	IGNS	930		• • • • • • •		•••••		• • • • • •

į

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERS BPERATING LOCATION MAM USAFETAC, ASHEVILLE NO FROM HOURLY DESERVATIONS STATION NUMBER: 724295 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA MENTH: JAN HOURS: LST TO UTC: + 5 WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 66 55 DISECTION 1-4 (DESREES) (N) 350-010 • 9 2.4 3.0 . 1 020-040 2.3 1.3 • 3 050-070 3.9 1.5 • 13 (E) 080-100 1.3 1.4 • 3 110-130 . 3 • 5 140-150 1.0 1.4 . 1 • 3 . 1 (S) 170-190 3.3 4.0 2.0 • 3 . 1 . 9 200-220 2.9 5.7 3.3 • 2 230-250 3.0 3.5 3.7 .5 . 1 (h) 260-230 1.5 4.4 4.1 1.8 . 3 290-310 1.4 3.2 1.3 1.0 . 2 327-340 1.7 2.4 1.0 VARIABLE CAL TOTALS 23.1 32.7 18.4 5.7

TOTAL NUMBER OF OBSERVATIONS

C = / = 3

930

i

RECENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

3-0		AME: RI C: + 5	CKENBACI	CER ANG	в Эн		PERIO MONTH	O OF RE		MAR 78 - S: 03-05		8
TAL	14	15-19	WIND SF 20-24	EED IN 25-29	KNDTS 30-34	35-39	40-49	50+64	GE 65	TOTAL	MEAN WIND	MEDIAN GNIW
.3		.1	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •		• • • • • •	•••••	6.3	6.1	5.0
-1	. 3									4.3	5.7	4.0
.0	• ^									5.1	5.2	4.0
.9	٠,									3.0	5.8	6.0
,										• 9	5.0	5.0
	. 1	• 3	• 1							2.9	7.1	7.0
d 4	. 1	. 3	•1							9.8	6.8	6.0
1		•9	•2							13.4	8.4	8.0
.6	. ,	•5	• 1							10.1	3.2	8.0
	. 1	1.8	. 3							12.6	10.5	10.0
,	• "	1.0	•2							7.6	8.7	8.0
	. 5	• ₫								5.3	8.4	8.0
			• • • • • •	•••••		• • • • • • •	• • • • • •	• • • • • •	• • • • • •			• • • • • • •
7	111	//////	///////	//////	//////	//////	//////	//////	//////	18.7	/////	/////
	. 4	5.7	1.5							100.0	6.4	7.0
• • • •	77	TAL NUM	BER OF C	BSERVA	r I DNS	930	• • • • • •	• • • • • •	•••••	• • • • • • •	•••••	

C = 4 = - 2

į

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERS FROM HOURLY DRISERVATIONS HISAFFTAC, ASHEVILLE NO. STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA MONTH: JAN LST TO UTC: + 5 HOURS: WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 DIPECTION 35-39 40-49 50-64 GE 65 (DEGREES) (N) 350-010 2.2 . 1 2.8 1.3 020-040 1.9 1.2 .2 050-070 1.4 2.2 1.2 • 3 (E) 030-100 1.7 1.0 • 3 • 5 110-130 140-150 1.0 1.4 • 2 (S) 170-190 4.7 4.2 2.2 . 1 200-225 3.4 4.7 4.0 • 2 2.4 230+250 3.3 • 3 3.7 (4) 250-230 1.9 1.5 3.7 • 3 290-310 1.3 2.7 2.5 • 6 • 1 320-340 1.1 1,3 ુ• 3 • 3 VARIABLE CALH TOTALS 24.3 29.5 21.2 4.5

TUTAL NUMBER OF OBSERVATIONS 930

c = 4 = 3

ŧ

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY BESTEVATIONS

WIN

,-03

AL

3

ra ur	C: + 5	CKENBAC	KER ANG!	3 04		HTMOM	: JAN	HOUR	MAR 78 - S: 06-08		8
1 :: -14			PEED IN 25~29					G5 65	TOTAL	NA 3M CVI N	MEDIAN GAIW
1.3	.1	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •		• • • • • • •	6.3	6.6	6.0
.2									3.3	4.2	3.0
1.2	. 3								5.5	7.2	5.0
. 2									2.9	4.4	4.0
									1.4	3.8	3.0
•									2.4	5.2	4.7
2 • 2	. 4	•1							11.6	6.5	5.0
••	• €	• 2							13.0	7.9	3.0
1.4	. 3	• 2							10.5	9.3	9.9
3.7	1.9	. 3							11.1	10.1	10.0
2.5	.6	. 1							7.3	9.0	8.0
	• 3								4,9	0.0	10.0
		•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
,,,,	//////	//////	//////	///////	//////	///////	//////	1111111	19.5	/////	//////
71.2	4.5	• 9							100.0	5.1	7.0
FJ	TAL NUM	3ER 7F	ORSERVAT	Fluns	930						

9 - 4 - 3

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS V OPERATING LOCATION "A" FROM HOURLY DASERVATIONS USAFFTAC, ASHEVILLE NO STATION NAME: PICKENBACKER ANGS TH PERIOD DE RECORD: MAR 78 STATION NUMBER: 724285 LST TO UTC: + 5 MONTH: JAN HOURS: 09-WIND SPEED IN KNOTS DISECTION 5-) 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTA (DOSPECS) (N) 350-010 6.2 1.0 3.0 1.5 020-040 3.7 i.l 1.5 1.1 050-070 2.0 1.0 1.0 4.4 3.0 (E) 030-100 . 9 1.5 • 5 3.5 110-130 2.7 1.3 • .2 • 0 4.1 140-150 2, 2 1.1 2.5 9.0 (5) 176-193 2.7 4.2 • 3 . 1 14.0 2.7 4. 4 4.3 1.2 . 3 . 1 500-550 233-250 1.7 11.7 13.5 (W) 260-230 1.5 1.8 7.7 • 2 290-310 1.5 2.3 • 5 2.7 320-340 5.3 2.3 1.6 · 4, . 1 • 5 VARIABLE CALT

5.9

1.6

TOTAL NUMBER OF ORSERVATIONS 930

25.1

19. 4 34.3

TUTALS

C - 4 - 4

١

100.€

NTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

· FEN		CKENBAC	KER AN	GB 7H			D OF RE	CORD: !	MAR 78 - S: 09-1		88
••••	119		PEED I 25-29	N KNOTS 30-34	35+39	40-49	50-64	GE 65	TUTAL	MEAN	MEDIAN
₩ (4) ₩ [1] [• • • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	••••	°; 6.2	0.9	GVIW
5.9									3.7	6.5	6.0
5. 1 7. 1									4.4	7.0	5.0
5.2									3.0	6 • 2	5.5
4.)	Ì								3.5 4.1	4.5 5.2	4.0 6.0
۰.۱	.3	. 1							9.9	7.4	6.5
7.	1.2	. 3	. 1						14.0	8.9	8.0
n. •	1.1	•1 •ä							11.7	10.4	10.0
10.4	•5	• ?							7.7	9.1	8.9
12.1	• *	• 1							5.3	10.0	10.0
	}	• • • • • •	•••••	•••••	• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	•••••
	:////	//////	//////	//////	////////	///////	//////	1111111	12.9	/////	//////
7.3	10.7	1.6	•1						100.0	7.3	9.0
	in Muse	85.9 OF ••••••	UBSERV	ATIONS	939 ••••••	•••••		•••••	• • • • • • •	• • • • • •	•••••

"OPERATING LOCATION "A"
USAFETAC, ASHSVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSI-FROM HOURLY OBSERVATIONS

SVILLE NO					FKUM 40	OWE 1 DE	STANAIT	7,314.3			
R: 724285				ICKENBAC	KER ANG	в он					MA: JRS:
• • • • • • • • •	• • • • •	• • • • • • •									• • • •
1-4								40-49	50-64	GE 65	, 1
1.0	2.6	1.7	• • • • • • •	• • • • • •		•••••	* * * * * * * *	, • • • • • • •	,	,	•••
• 3	1.7	•8									
1.5	1.9	1.2									
٤.	1.2	• 5									
1.0	1.1	. 3									
1.2	2.7	1.1									
1.4	4.4	3.0	• 5								
1.1	5.7	5.2	1.3	.5	• 1						1
1.0	3.8	4.3	3.4	• 5	• 2						1
1.1	4.2	6.5	3.0	1.2	.1						1
1.0	3.4	3.9	1.1	•1							
• 7	2.9	3.5	• 5								
•••••	• • • • •	, • • • • • • •	, • • <i>•</i> • • •	, • • • • • •	. 	• • • • • •		••••		•••••	••••
////////	/////	!!!!!!!	!//////	///////	///////	'/////	//////	//////	//////	//////	"
12.8	35.6	32.5	9.8	2.3	. 4						15
		τc	AUN JATE	мвек Оғ	OBSERVA	TIONS	930				
	1-4 1-0 .3 1.5 .3 1.0 1.2 1.4 1.1 1.0 1.1 1.0 1.1 1.0 .7	R: 724295 ST LS 1-4 5-9 1.0 2.6 .3 1.7 1.5 1.9 .3 1.2 1.0 1.1 1.2 2.7 1.4 4.4 1.1 5.7 1.0 3.3 1.1 4.2 1.0 3.4 .7 2.9	R: 724295 STATION N LST TJ UT 1-4 5-9 10-14 1.0 2.6 1.7 .3 1.7 .8 1.5 1.9 1.2 .3 1.2 .5 1.0 1.1 .3 1.2 2.7 1.1 1.4 4.4 3.0 1.1 5.7 5.2 1.0 3.6 4.3 1.1 4.2 6.5 1.0 3.4 3.9 .7 2.9 3.5	R: 724285 STATION NAME: RILST TO UTC: + 5 1-4 5-9 10-14 15-19 1.0 2.6 1.7 .3 1.7 .8 1.5 1.9 1.2 .3 1.2 .5 1.0 1.1 .3 1.2 2.7 1.1 1.4 4.4 3.0 .5 1.1 5.7 5.2 1.3 1.0 3.8 4.3 3.4 1.1 4.2 6.5 3.0 1.0 3.4 3.9 1.1 .9 2.9 3.5 .5	R: 724295	R: 724295	R: 724295	R: 724295 STATION NAME: RICKENBACKER ANGB OH LST TO UTC: + 5 WIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 1.0 2.6 1.7 .3 1.7 .8 1.5 1.9 1.2 .3 1.2 .5 1.0 1.1 .3 1.2 2.7 1.1 1.4 4.4 3.0 .5 1.1 5.7 5.2 1.3 .5 .1 1.0 3.3 4.3 3.4 .5 .2 1.1 4.2 6.5 3.0 1.2 .1 1.0 3.4 3.9 1.1 .1 .9 2.9 3.5 .5	R: 724295	R: 724295	R: 724295 STATION NAME: RICKENBACKER ANGB DH PERIOD OF RECORD: MONTH: JAN HOU 1-4 5-9 10-14 15-19 20-24 25-29 30-34 39-39 40-49 50-64 GE 65 1.0 2.6 1.7 .8 1.7 .8 1.5 1.9 1.2 .9 1.2 .5 1.0 1.1 .3 1.2 2.7 1.1 1.4 4.4 3.0 .5 1.1 5.7 5.2 1.3 .5 .1 1.0 3.6 4.3 3.4 .5 .2 1.1 4.2 6.5 3.0 1.2 .1 1.0 3.4 3.9 1.1 .1 .9 2.9 3.5 .5

TAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

+ 5		ER ANGE	, ,,,,,,,			JAN	CORD: N	S: 12-1		
		PEED IN 25-29		35 - 39	40-49	50-64	GF 65	TOTAL %	ME AN ME ND	MEDIAN BIND
• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •		5.3	7.4	7.0
								3.2	6.7	5.5
								4.6	5.5	6.0
								2.5	6.7	6.0
								2.4	6.0	5.5
								4.9	5.7	5.0
•5								9.4	8.3	8.0
1.3	•5	• 1						13.9	10.0	10.0
3.4	•5	• 2						13.a	11.7	12.0
3.0	1.2	.1						16.0	11.7	12.0
1 • 1	• 1							9.5	9.7	10.0
• 5								7.8	9.1	10.0
· • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
/////	//////	//////	//////	///////	///////	//////	///////	6.3	/////	//////
		. 4						100.0	8.8	9.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIN USAFETAC, ASHEVILLE NO SPECITAVESERC YURUCH MORE STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGBOH PERIOD OF RECORD: MAR 73 -MAL :HTMOM LST TO UTC: + 5 HOURS: 15-17 WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 1-4 TOTAL (DEGDEES) (N) 350-010 1.0 2.7 1.4 5.1 020-040 1.1 1.5 • 3 2.9 250-070 1.9 2.3 • 5 5.2 • 5 (E) 080-100 2.3 1.7 • 1 110-130 ٠Ś 1.3 . 1 2.5 140-150 1.7 2.5 4.3 • 1 (5) 170-190 • 2 4.1 1.2 7.5 4.1 200-220 4.5 3.1 1.2 11.2 230-250 4.3 4.3 2.5 13.3 (W) 260-230 5.3 2.4 17.3 290-310 1.0 1.2 4.3 4.7 . 1 11.4 2.7 320-340 3.0 . 4 4.9 . 1 VARIABLE C4F4 TOTALS 17.6 37.8 25.5 7.9 100.0 2.3

TOTAL NUMBER OF OBSERVATIONS 930

SPECTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED. FROM HOURLY DASERVATIONS

F: 21	CKENBAC	KER ANG	B 3H	•						9
··=19	WIND S 20-24	PEED IN 25-27	KNOTS 30-34	35+30	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN CNIW
	• • • • • •	•••••	• • • • • •	•••••	•••••	• • • • • •	•••••	5.1	7.2	7.0
								2.9	5.9	6.0
								5.2	5.8	5.0
• 1								4.6	5.6	5.0
. 1								2.6	6.0	6.0
								4.3	5.1	5.0
• 2								9.6	5.0	6.0
1.2	. 4							11.2	9.7	10.0
) • • •	• છે	• 2						13.∂	11.0	10.5
2.4	• 5							17.3	10.1	10.0
1.5	. 4	.1						11.4	9.7	10.0
. 4	• 1							5.9	9,5	10.0
: • • • • • 	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••		• • • • • •	•••••
1111	//////	//////	//////	//////	//////	//////	//////	5.3	/////	111111
7.9	2.3	• 3						100.0	3 • 2	8.0
104	BER OF	OBSERVA	TIONS	930						
	-19 -1 -1 -1 -23 -4 -1 -1 -4	** 5 ** ** ** ** ** ** ** ** ** ** ** **	#IND SPEED IN 20-19 20-24 25-27 -19 20-24 25-27 -1	#IND SPEED IN KNOTS 1-14 20-24 25-27 39-34 1	# 5 #IND SPEED IN KNOTS 7-19 20-24 25-27 30-34 35-39 .1 .1 .1 .2 1.2 .4 2.5 .6 .2 2.4 .5 1.0 .4 .1 .4 .1 .4 .1	#IND SPEED IN KNOTS19 20-24 25-27 30-34 35-39 40-49	# 5 MONTH: JAN #IND SPEED IN KNOTS -19 20-24 25-29 30-34 35-30 40-49 50-64 .1 .1 .1 .2 1.2 .4 2.5 .6 .2 2.4 .5 1.0 .4 .1 .4 .1 .4 .1	#IND SPEED IN KNOTS19 20-24 25-29 30-34 35-39 40-49 50-54 GE 65 -1 -1 -1 -2 -2 -4 -5 -6 -7 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	# 5	# 5

- " OPERATING LOCATION MA" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSU

	FETAC, ASHE												
STAT	TION NUMBER	R: 724285	LS	דט מד דב	rc: + 5		CKER ANG			HTMCM	H: JAN	HOU	URS:
Ī	DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	#140 S 20-24	SPEED IN 25-29	30+34					
	350-010	2.0	3.3	1.0	•••••	•••••	• • • • • • •	•••••	· • • • • • • •	•••••	• • • • • •	• • • • • •	,
	020-040	2.5	1.2	• 2									
	050-070	2.9	1.2	.1									
(E)	030-100	1.3	1.5	• 2									
	110-130	2.0	1.2	. 3									
	140-150	2.3	3.5	• ?									
(8)	170-190	2.9	3.8	1.1		• 1							
	200-220	1.3	4.7	2.2	. 3			• 1					
	230-250	2.3	2.3	3.2	•3	• 3	• 4						
(W)	260~290	3.9	4.5	4 . 4	2.5	• 8							1
	290-310	2.5	3.7	1.3	1.4								
	320-340	2.0	4.0	1.6	• 5	. 1							
••••	VARIABLE	• • • • • • • • •			• • • • • • •	•••••	•••••	• • • • • •	· • • • • • •		. • • • • • •	• • • • • •	••••
	CALM	/////////	(11111	///////	'//////	'//////	'//////	//////	'//////	'//////	'/////	/////	// 1
•	TOTALS	20.4	35.4	16.3	5.0	1.8	. 4	•1					10
				T 0	TAL NUM	IBER OF	OBSERVA	TIONS	930				

AGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

: 210 + 5	CKENBACK	ER ANGB	Эн		HTMCM	: JAN		5: 18-20)	8
	WIND SPI			• • • • • • •		• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••
5 - 19	20-24			35-39	40-49	50-64	GE 65	TOTAL	MEAN	MAIGEM CRIW
	• • • • • • •	• • • • • • •	• • • • • •	•••••	•••••	•••••	••••••	6.3	5.2	5.0
								3.9	4.4	4.0
								4.2	4.4	4.0
								3.0	5.2	5.0
								3.5	5.2	4.0
								5.9	5.6	6.0
	• 1							7. 8	5.9	5.0
. 3			.1					9.1	7.6	7.0
• 3	• 8	• 4						9,3	9.7	9.0
2.5	• 9							16.0	9.5	9.0
1.4								9.5	8.2	7.0
. ï	. 1							8.3	7.2	6.0
••••		• • • • • •		• • • • • •	• • • • • •				••••	
.,,,,,	////////	//////	1////	,,,,,,,	//////	(//////	//////	12.6	/////	/////
5.0	1.8	• 4	• 1					100.0	6.4	6.0
. NUMB	ER OF DB	SERVATI	ONS	930						

11:1

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY ORSENVATIONS

DORTETAL ASE	ACATEMP NO					ENON HO	UKLI O.	St. " VAII					
STATION NUMBE	FR: 724285	LS	STATION NAME: RICKENBACKER ANGB OH LST TO UTC: + 5						PERIOD DE RECORD: MAR 7 MONTH: JAN HOURS: 21				
DIRECTION (DEGREES)	1-4		•••	15-19		PEED IN 25-29	KNOTS		40-49		GF 65	ייי זחז	
(N) 350-010	3.0	3.2	•••••	• • • • • •	•••••	•••••	• • • • • •	• • • • • •	• • • • • • •		• • • • • • •	7.	
020-040	2.5	1.3	• 5									4.	
050-070	2.7	, 5	• 0									4.	
(E) 030-100	1.6	. 3	.1									2.	
110-130	1.3	1.5	. 4									3.	
140-150	2.3	2.5	• 9	•1								5.	
(S) 170-190	3.9	3.5	1.5	• 1	• 1							9.	
200-220	2.3	4.0	3.1			.1						10.	
230-250	1.5	2.7	2.2	•6	• 4	. 3	• 2					<u>a</u> •	
(W) 260-280	1.3	5.3	3.0	1.6	• 4	.1						12.	
290-310	3.2	3.3	2.8	1.2	.1							11.	
320-340	2.2	2.0	1.7	.3								6.	
VARIABLE	• • • • • • • • •	•••••	• • • • • •	• • • • • •	•••••		•••••		• • • • • •	• • • • • •	• • • • • • •	••••	
CALM	////////	/////	//////	//////	///////	///////	1111111	//////	///////	///////	///////	16.	
TOTALS	29.0	30.6	17.9	3.9	1.4	• 5	• 2					100.	
			T U	TAL NUM	BER OF	OBSERVA	TIONS	930					

C - 4 - a

FROM HOURLY OR SERVATIONS

NO

	NAME: UTC: +		KENBAC	CKER	ANGB	OH		PERIO: MONTH		FCDRD: 1 HDUR:	MAR 78 - S: 21-23		8
	. 15-		WIND 5 20-24			KNOTS 30=34	35-39	40-49	50~64	GE 65	TOTAL	MEAN ONIW	MEDIAN WIND
ď		• • • •	• • • • •	• • • •	• • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	7.1	5.7	5.0
1	,										4.4	5.0	4.0
į	}.										4.1	5.0	4.0
1											2.0	3.7	3.0
											3.2	5.7	- 5.0
		. 1									5.6	5.6	5.0
1		• 1	• 1								9.1	6.0	6.0
	:				. 1						10.0	7.7	8.0
1		. 5	. 9		. 3	• 2					8.4	11.0	9.0
1	. 1	• 5	. 4		. 1						12.3	9.4	9.0
	1	• 2	.1								11.1	8.1	7.0
- 1	,	. 3									6.2	7.2	5.0
•					• • • •	• • • • •					• • • • • •		• • • • • • •
/	(11111	////	/////	/////	////	/////	///////	///////	//////	///////	16.5	/////	111111
-	; 3	. 9	1.4		• 5	• 2					100.0	6.1	6.0
	TITAL	NUMB	ER DE	OBSE	RVAT	IONS	930						

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS

STA	TION NUMBER	724285		A NOITA TU OT T		CKENHA	CKER ANG	8 9#			D DE RE	CORD: HOUR	MAR 7
•••	DIRECTION					WIND	SPEED IN 25-29	KNOTS					•••••
	(DEGREES)												• • • • •
	350-010	2.0	2.9		.0	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	6
	020-040	1.9	1.4	• 6									3.
	050-070	2.3	1.5	.8	• 1								4.
(E)	080-100	1.3	1.2	.3	.0								2.
	110-130	1.1	1 • 1	. >	• 0								2.
	140-150	1.5	2.2	.5	• 1	• 0							4.
(8)	170-193	3.3	4.1	1.9	.3	•1							4.
	300 - 530	2.5	4.9	3.7	• 3	• 2	. 3	• (1					12.
	230-250	1.3	1.9	3.5	1.2	, 5	. 1	• ')					11.
(w)	250-230	1.7	4.5	4.5	2.1	.7	• 3						13.
	222-310	1.7	3.4	2.8	• 9	• 2	• າ						٥.
	320-340	1.2	2.4	2.0	•5	•0							6.
•••	VARIABLE	• • • • • • • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••		• • • • • •	•••••	• • • • • •	• • • • • •	• • • • •
	CALM	///////	/////	//////	//////	//////	///////	//////	1111111	///////	//////	///////	13.
į	TOTALS	22.5	33.5	22.1	6.0	1.7	. 1						100.

ENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DRSHRVATIONS

0 59

FEH

	ለክዩ: PI(C: + 5	CKENBACK	ER ANGB	Он		PERIO MONTH			MAR 78 - S: ALL	- FEB P	8
41 A	14-19		EED IN K 25-29 3	NOTS 10 = 34	35-37	4)-49	59+54	GE 65	TUTAL	MEVA	MEDIAN
் எ		• • • • • • •	• • • • • • •	•••••	•••••	•••••	• • • • • •	•••••	*******	MINO	WIND
г.	·ů	• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	6.2	6.4	5.0
									4.9	r • 3	5.0
5.	. 1								4.7	5. 8	5.0
r.	•0								2.9	5.4	5.0
·,	. ?								2.4	5.3	٠.٦
5.	• 1	• 0							4.4	6.1	6.0
	.3	• 1							4.7	6.7	5.0
	• 1	• 2)	• • •					12.1	a , 5	ו 3
16.	1.2	• 6	. 1	• ')					11.0	9.3	9.0
	2.1	• 7	.0						13.9	10.2	10.0
	• 4	• .2	• 2						9.2	a. 9	۹.9
	• 6,	•0							6.1	8.5	8.0
			• • • • • • •		• • • • •						• • • • • •
1111											
5.	(111111)	////////	////////	//////	1/////	///////	///////	///////	13.7	111111	/////
1	5.0	1.7	. 1						100.0	6.9	9.0
• • • • •	TAL NUME	358 DF D	SSERVATI	0VS 7	440						
- 1	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •		• • • • • • •

C - 4 - 9

198 P

PRROBNIAGE ERROUENCY OF DOCURRENCE SURFACE WIND DIRECTION VERSUS
FRIM HOURLY DRISHRYATTURE SPERATING LOCATION "A" USAFFTAC, AGROVILL 1 NO. PERTIAN OF RECURNS MAR 7 STATION NUMBER: 724285 STATION NAME: BICKENBACKER ANGS OH LST TO JTC: + 5 MONTH: JAN CATEGRAY A: CETTING BY 200 OUT LESS THAN 1500 REST WITH VISINILITY OF 1/2 MILE (CROC METHAS). 4.07.25 VISIBILITY SC 172 MILE (0300 METERS) BUT LESS THAN 3 MILES (4300 METERS) WITH CEILD MIND SPEED IN KADIZ 3-9 19-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 35 65 (N) 350-010 1.5 5.1 2.7 227-747 1.7 1.4 1.4 4. 645-37.6 · . I 1.) • 15 • 3 (←) 030-100 2.1 1.7 • 1 110-130 1.4 • ^. 1.1 140-1 • 3 2." 1. . • '* • 4 (5) 170-. 43 2.5 2.) 3.4 • 5 -, - ; 110-110 4.3 12.5 233-36% 1.7 5 . . 1. ر' • 13. 14. 1.) (A) 250-255 0.0 4.4 1.5 • 5 • 1 227-312 1. 1.1 • ? 7.1 . 1 32)-345 5.5 3.3 6 . I VARTA (1) C 41 14 TOTALS 17. 33.3 24.1 5.4 100.0 1.4 TITAL NUMBER OF CHISCRYATIONS 1276

TIDE FREQUENCY OF DECURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED. FRIM HOUSEY DREERVATIONS

: FICKENSACKER ANGS OH PERIOD OF RECORD: MAP 78 - FEB 88 MONTH: JAN HOURS: ALL SCET WITH VISISILITY SE 1/2 MILE (ORDO METERS). 400 METERS) BUT LESS THAN B MILES (4800 METERS) WITH CEILING GE 200 FEET. 5. -WIND SPEED IN KAGIS -17 27-24 25-23 30-34 35-39 40-49 50-64 SE 65 PAIGEM PARM JATOT 3 C1.12 41 9.2 7.5 9.0 7. 6.5 4.2 5.0 5.5 5.0 4.5 . 1 3.1 5. 1 5.0 5.3 3.0 2.5 5.2 7.6 3.0 ٩.1 12.0 8.0 13.0 9.5 9.0 3.5 14.9 9.5 . 1 7.1 3.0 3.0 10.0 10.0 1. 1111 100.0 7.4 8.0 7. 12 1019372 OF 08552VATIONS 1276

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIT

SŦ.	ATION NUMBER		LS	T TO UT	C: + 5					MONTH	I: FEB		s: 00-0
••	DIRECTION (DESREES)	1-4	5-9	19-14	15-19	WIND 20-24		KNOTS 30-34	35-3 9	40-49	50-54	GE 65	TOTAL
	350-010	1.3	4.0	3.4	.1			. 2	•••••	• • • • • •	• • • • • • •	•••••	9,9
	020-040	2.4	2.2	1.4	.1								5.1
	050-070	2.6	4.0	• 9	•1								7.7
ŧΕ	080-100	2.0	1.1	• 1	• 2								3.4
	110-130	•5	• 8	•5									1.8
	140-160	2.5	• 6	. 4									3,4
(S	170-190	2.3	3.2	•5	• 2								6.9
	200-220	2.5	3.7	2.7	• 1								8.4
	230-250	1.5	2.4	1.3	• 2		• 1						6.0
(H	260-280	1.3	3.8	2.9	• 2		7.1						8.9
	290-310	1.5	2.0	2.4	.7								6.7
	320-340	• n	2.0	1.4	• 5								4.7
• •	VARIABLE	• • • • • • • • •	• • • • •	• • • • • •	.,	•••••	••••••	•••••	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •
	SALM	////////	/////	///////	//////	//////	////////	///////	1111111	///////	///////	///////	26.3
	TOTALS	22.9	29.8	17.8	2.4	. 4	• 2	• ?					100.0

TAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

61 R + 5	5						MONTH	: FEB	CORD: N	S: 00-0	2	8
r-19	WIN 20-	D SF 24	PEED 25-2	IN K	NOTS 30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	
. 1					.2	•••••	•••••	• • • • • •	,		8.8	
. 1	L									6.1	6.5	6.0
. 1										7.7	6.2	6.0
. 2	?									3.4	5.2	4.0
										1.8	6.5	5.0
										3.4	4.5	3.0
• 2	<u>}</u>									6.8	6.1	6.0
. 1										8.4	5.8	6.0
• .	•			1						6.0	8.0	7.0
• 2	<u>.</u>		•	1						8.8	3.2	8.0
. 7	,									6.7	8.7	9.0
• 5	,									4.7	8.4	8.5
• • • •			••••		• • • • •	• • • • • •						
(///	/////	////	1111	////	11111	/////	////////	///////	1111111	26.3	111111	/////
		. 4			• 2					100.0		
. 40	мвек	OF O	BSEK	VATI	DNS	849	• • • • • • •	• • • • • •				•••••

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO FROM HOURLY DBSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR " LST TO UTC: + 5 MONTH: FEB HOURS: 01 WIND SPEED IN KNOTS DISECTION 5-9 10-14 15-19 20-24 25-29 30-34 (DEGREES) (N) 350-010 3.2 3.3 • 5 8, 020-040 1.7 2.2 1.2 5. 050-070 . 1 â, (E) 090-100 110-130 • 3 . 7 - 1 140-150 1.5 • 2 1.2 (S) 170-190 3.1 3.3 1.5 • 2 230-220 2.9 2.1 2.2 7. 230-250 1.0 1.5 .6 (W) 260-280 3.5 3.9 • 2 . 1 290-310 1.3 2.7 2.4 • 5 320-340 1.5 1.6 VARIABLE CALM TOTALS 21.7 23.2 19.9 .3 . 2.7 100. TOTAL NUMBER OF OBSERVATIONS

0 - 4 - 12

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

זט טז	C: + 5	CKENBACKER			MONTH	: FEB		S: 03-05	_	8
		WIND SPEED 20-24 25-	IN KNOTS				GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
3.3	.5	.2	••••••	• • • • • • •	• • • • • •	• • • • • •	•••••	8.0	9.6	9.5
1.2								5.3	6.4	6.0
1.1	•1							8.4	5.8	5.0
• 3								4.1	6.5	6.0
• 1								1.6	5.1	4.5
. 2								2.9	5.2	4.0
1.5	•2							8•2	6.6	5.0
2.2								7.3	6.6	5.0
1.5	•6							6.5	7.7	7.0
3.9	• 2	•1						9.3	8.6	9.0
2.4	•5							6.8	3.6	9.0
1.6	• 5							4.5	3.7	9.0
· ••••••	• • • • • •		• • • • • • • •	• • • • • •	•••••	•••••	• • • • • • •	• • • • • • •	••••	•••••
i <i>///////</i>	//////	///////////////////////////////////////	///////////////////////////////////////	1111111	///////	//////	1111111	26.9	111111	/////
19.9	2.7	.3 .						100.0	5.4	7.0
to	TAL NUM	BER OF OBSE	RVATIONS	849						

OPERATING LOCATION MAN USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCUPRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY OBSERVATIONS

STATION NUMBE	FR: 724285		N NOITAT		CKENBAC	CKER ANG	/8 DH			OD OF RE H: FEB		MAR 7 S: 06
••••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	COTE	SPEED IN	KNOTS	• • • • • • •		,		••••
DIRECTIUN (DEGREES)	1-4	5-9	10-14	15-19			30-34		40-49	50-64	GE 65	101 *
(N) 350-010	1.9	3.5	2.9	.6	•••••	•••••	• • • • • •		,	, • • • • • • •	. • • • • • • •	9.
020-040	2.2	2.7	• 3									5.
050-070	4 • 2	4.5	•9	.1								9.1
(E) 080-100	2.4	• 9	.7	•1								4.1
110-130	<i>ċ</i> •	• 4	• 4									1.1
140-150	1.5	• 13	٠,									2.1
(5) 170-190	3.9	4.6	• 9	• 1	•1							9,1
200-220	2.7	4.0	2.1	• 1	•1							9.:
230-250	2.1	2.3	1.5	• 6		• 1						7.
(W) 260-280	2.4	2.4	2.0	. 7	• ?							7.1
290-310	1.5	3.1	2.0	• 1						•		5.1
320-340	• 5	2.0	1.2	• 1								3.5
VARIABLE	•••••	• • • • •	•••••	• • • • • • •	•••••		•••••		. • • • • • • • • • • • • • • • • • • •			• • • • • •
CALM	////////	/////	1111111	//////	'///////	'//////	//////	///////	///////	///////	1111111	22.1
TOTALS	25.3	31.7	15.9	2.5	• 4	. 1						100.0
			ra	TAL NUM	BER DE	OBSERVA	SMCITA	849				

C - 4 - 13

- 1

CENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DBSERVATIONS

NAME: RI	CKENBAC	KER ANGB (3 H		D OF RE	M : CRDS R PUOR R PUOR	AR 78 -		8
15-19		PEED IN KN 25-29 30	r0T\$)=34 35=39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN
	•••••			*****	•••••	• • • • • • •	9.0	9.2	8.0
							5.8	5.7	5.0
.1							9.8	5 .7	5.0
• 1							4 • 1	5.3	4.0
							1.3	5.4	5.0
							2.9	5.0	3.0
•1	• 1						9.5	5.9	5.0
• 1	. 1						9.3	7.1	7.0
. 6		• 1					7.3	8.3	6.5
• 7	• ?						7.7	8.6	8.0
. 1			-				6.7	7.6	7.0
• 1							3.9	8.0	8.0
	• • • • • • •	• • • • • • • • •		••••••	•••••	•••••	• • • • • •	• • • • • •	•••••
////////	///////	///////////////////////////////////////	///////////////////////////////////////	/////////	//////	//////	22.7	//////	/////
2.5	. 4	.1					100.0	5.4	6.0
STAL MUM	REP OF	TRSERVATE	1NS 840						

40

3_

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WERE FROM HOUSLY OBSERVATIONS

STATION NU	MBER: 724295		ATION N		CKENBAC	CKER ANG	8 OH		PERIO MONTH		HOUR	MAR 78 S: 09-
• • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	WIND S	SPEED IN	KNOTS	• • • • • • •	• • • • • • •	• • • • • •		• • • • • •
DIRECTI (DEGREE	-	5=9	10-14	15-19			30-34	35 -3 9	40-49	50-64	GE 65	TOTA
(N) 350-01	0 1.4	2.9	4.4	•6	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	9.3
(N) 330-01	0 1.4	4.7	7.7	• 0								700
020-04	0 .9	2 • 2	1.9									5.1
050-07	0 3.3	4.5	1.3	•5								9.7
(E) 080-10	0 1.5	2.1	• 5									4.1
110-13	0 1.2	1.2	•5	• 1								2.9
140=16	0 1.4	1.9	. 9	. 1								4.7
(\$) 170-19	0 2.4	3.8	3.2		•1							9.4
200-22	0 2.7	5.4	3.4	.7								12.2
230-25	0 1.2	3.1	2.0	1.2	• 5							7.9
(W) 260-28	0 .7	2.4	4.0	1.3	. 4							8.7
290-31	0 .5	2.7	2.0	.5	• 1							5.9
320=34	0 •6	1.3	2.0	• 1								4.5
VARIABL	•••••• E	•••••	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	••••
CALM	11!11111	/////	//////	//////	'//////	///////	/////	///////	///////	//////		15.5
TOTALS	19.4	34.1	26.0	5.1	1.1							100.0
			T O	TAL NUM	IBEP UF	OBSERVA	TIONS	849				

CENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

1	7444F: R1	CKENBACKER	ANG8 OH		HTMOM	FEB		5: 09-11		8
4	15 -1 9	WIND SPEED 20-24 25-			40-49		ĢЕ 65	TOTAL	MEAN WIND	MEDIAN GNIW
5	.6	• • • • • • • • • • •			• • • • • • •	• • • • • •	•••••	9.3	9.2	10.0
8								5.1	8.2	8.0
5	•5							9.7	6.7	6.5
5								4.1	5.7	5.0
5	. 1							2.9	6.0	5.0
5	•1							4.7	6.0	6.0
7		•1						9.4	7.7	8.0
7	. 7							12.2	7.7	7.0
^	1.2	• 5						7.9	10.1	9.0
) . 	1.3	. 4						8.7	10.9	12.0
•	•5	• 1						5.9	9.3	8.5
•	. 1							4.5	8.7	9.0
• •	• • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	•••••	• • • • • •	• • • • • •
	· · · · · · · · · · · · · · · · · · ·			//////	(//////	//////	//////	15.5	/////	/////
7.	5.1	1.1						100.0	7.0	8.0
• •	TAL NUM	BEP OF OBSE	RVATIONS	849						

OPERATING LOCATION "A" PERCENTAGE PREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WILLIAM FROM HOURLY OBSERVATIONS

STATION NUMB	ER: 724285		N NEITA TU OT T		CKENBAC	KER ANG	в он			DD DE RE		MAR 78 S: 12-1
• • • • • • • • • • • • •	• • • • • • • • •	• • • • • •	• • • • • •	• • • • • • •		PEED IN		• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •
(DEG86E2) 0136C11U4	1-4	5=9	10-14	15-19		25-29		35-39	49-49	50-64	GE 65	TOTAL %
(N) 350-010	, a	2.6	3.4	.5	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	7.3
020-040	. 9	2.9	.9									4.9
050-070	1.3	3.9	2.1	• 6	• 1							٥.5
(F) 080-100	1.8	1.3	,7									3.8
110-130	2.0	1.4	•5									٦.9
149-150	1.8	2 • 1	. 7	• 2								4.3
(5) 170-120	2.3	5.2	2.0	• 2								10.7
200-230	3.3	4.5	3.9	2.1		• 2						13.9
230-250	1.3	4.4	3.5	• 9	. 7							10.5
(W) 260-290	. 7	2.5	4.5	2.0	• 6							10.2
290-310	1.1	3.2	2.6	. 5	• 5							7.3
320-340	• ने	2.0	2.8	• 4	2							5.2
VARIABLE		• • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	••••	• • • • • • •
CALM	///////	/////	//////	///////	///////	////////	//////	///////	//////	///////	///////	7.3
TOTALS	19.2	36•1	27.6	7.4	2.1	• 2						100.0
			T 0	TAL NUM	BER OF	OBSERVA	TIONS	849				

THAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

A115 :			KEN	BAC	KER	ANG	8 0)H				MC	NTH:	OF RE		HOUR	MAR 78 S: 12-1		18
15. -	1 7) IN -29								50-64			TOTAL %	MEAN WIND	MEDIAN ONIW
	•	••	• • •	•••	• • •	• • • •	• • •	•••	• • •	• • •	• • •	• • • •	• • • •	••••	• • • •	••••	7.3	9.5	10.0
																	4.8	7.3	7.0
	• 4)		. 1													8.5	3.0	7.0
																	3.8	5.7	5.0
																	3.9	5.4	4.0
	• 2	:															4.8	6.2	6.3
	• 2																10.7	5.5	5.0
,	. 1					• 2											13.8	9.5	9.0
	• 9	1		. 7													10.8	9.7	9.0
2	• 3)		• 6													10.2	11.6	12.0
	• 5			. 5													7.3	9.5	9.0
	. 4	,		. 2													5.2	10.1	10.0
	• •	••	• • •	• • •	• • •	• • • •	• • •	• • •	• • •	• • •	• • •	• • • •	••••	••••	• • • •	• • • •	• • • • • •	•••••	• • • • • •
111	//	//	///	///	///	////	///	///	///	///	///	////	////	/////	////	////	7.3	/////	111111
7	. 4	,	2	. 1		. 2											100.0	3.1	8.0
FAL	NU	ЕМВ	ΕR	ЭF	oasi	ERVAT	110	NS	٤	349									

! ...

FE

• •

7. a.

5.

Э,

٦. 11. ο. 1 .

3.

OPERATING LOCATION MAM-USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSU FROM HOUPLY OBSERVATIONS

DAMESTAC! VA	M. VILLE NO					TROM HO	JORLY 118	12EKANII	LUNS			
STATION NUMBER	724285		M MELTAT TU OT TO	NAME: RI FC: + 5	CKENHAC	IKER AND	HC 8			DD DE RE	ECORD: HOUR	445 S:
• • • • • • • • • • • • • • • • • • • •	· • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		SPEED IN		• • • • • • •	• • • • • • •	•••••	•••••	• • •
019ECT104 (0EGREES)	1-4	5 - 9	17-14	15-19				35-39	40-49	50-64	GE 65	T
(N) 350-010	, 5	2.4	4.2	. 1	•••••	•••••	· • • • • • • •	• • • • • • •) • • • • • • •	•••••	•••••	• • •
020-040	1.5	2.0	1.3	. 1								4
050-070	2.5	3.7	2.2	• 5								t
(E) 030-100	1.2	1.1	. 4									i
110-130	1.5	1.4	. 7									1
140-150	• 4	1.1	• 27	• 1	• 1							,
(5) 170-190	3.2	4.9	1.6	• 1								c
200-220	3.3	4.9	2.2	1.5	• 2	• 1	• 1					12
230-250	• 9	4.9	3.5	1.4	. 1							11
(W) 250-230	1.1	3.4	4.4	1.4	.7							11
290-310	. 9	3.3	3.1	1.3								Ģ
320-340	• 7	3.3	2.9	1.3	• 2							ü
VARIABLE		, 	•••••		•••••	, • • • • • • •				• • • • • •		••••
CALM	111111111	/////	1111111	'//////	(111111)	///////	1//////	1//////	///////	111111	'//////	1
TOTALS	13.0	35.9	27.9	7.8	1.3	. 1	•1					100
			τι	JTAL NUM	1BER OF	DBSERVA	ATIONS	349				

0 - 4 - 15

į

CENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DRISERVATIONS

IND

	HAME: B		BACKER	RANGB	Эн			D DE PE : FEB		MAR 73 · 5: 15-1		8
• 4	15-15			ED IN K		35-39	40-49	50 - 64	SE 65	JATET V	PARE CAIN	MEDIAN ONIM
		i • • • • • • • • • • • • • • • • • • •	• • • • •	• • • • • •	• • • • •	• • • • • •	•••••	• • • • • • •		7.2	9.7	10.0
		l								4.7	7.0	7.0
	٠	,								Ω • ×3	7.1	6.0
										2.6	5.4	5.0
1	,									3.7	5.9	5.0
ļ	. 1		. 1							۹.1	7.5	5.5
	. 1	L								9.9	5.2	b•0
i	1.5	, .	. 2	• 1	•1					12.5	3.7	٦,٥
1	1.4		. 1							11.0	٥.5	9.0
1 (1.4		. 7							11.0	10.3	10.0
1	1.3	>						,		9.2	7. 3	10.0
. 1	1 • 3	3	. 2							8.7	19.3	10.0
• 1		• • • • • •	• • • • •	• • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •
11	1111111	(/////	(////	//////	11/1/	//////	//////	//////	///////	7.5	//////	//////
	7.5	1.	. 3	.1	. 1					100.0	A.0	9.0
	፣ ፣ ያልር ነዚ	JMBEP (DF 099	SERVATI	ION\$	349						
- 1		• • • • • •	• • • • •	•••••	• • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • •	• • • • • • •	

OPERATING LOCATION MAM

PERCENTAGE ERROUGNOY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY RESPRANTIONS

USAFETAC. ASH	SAIFFE AC				F	:eg# 49!	OSEA 38	SERVATI	745			
STATION NUMBER	o: 734285	_	P NCITAT		ICKENSACK	CER ANS	B 04		MONTH	10 NF 49 4: FEB	HOUR	MAP RS: 1
•••••	•••••		• • • • • • •		IZ CELL	Pggn IN	KNOTS	• • • • • •	• • • • • •	• • • • • •	, • • • • • • •	• • • •
0125C1194 (0085C13)	! -4	4, = 4	1)-14	14-19	20-24			35-39	40-43	57-54	GE 5 5	T .7
(N) 350-010	2.3	4. 5	3.9	• 5) • • • • • • •		• • • • • •	• • • • • • •	•••••	. • • • • • • •	, 	10
020+040	3.1	2.2	1.3	• 2								ć
153-370	5.0	3.3	. 7	• 2	. 1							ī
(E) 030 - 130	1.7	1.2	• 2									٤
110-130	2.0	• 3	. 4									ז
14 = 1 = 1 = 1	3 . 4	1.2	. 7	• 1								¢
(3) 170-195	• • 3	1.7	• ')									. •
2014 - 22 1	7.4	1.3	1.2	• 2	• 2							V.
233-257	· •	3.7	1.5	• .?								
(m) 260-25)	1.3	3.7	3.)	• 6	• 4,							Ä
207-317	1.4	1.2	3.1	• 1								
377-364	•	٠. ،	2.1	1.1								•
VARIA3L:	•••••	• • • • •	•••••	, 	 .		•••••	• • • • • •	•••••	,	• • • • • • •	,
C±1. *	111111111	/////	'///////	////////	////////	//////	//////	'//////	///////	//////	///////	/ 1 f.
TUTALS	29+2	31.3	14.7	4.1	. ₫							100
			τ:	TAL NUS	маке ЭЕ (DBSEPV4	TIONS	547				

- 4 - 17

CENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY RESERVATIONS

INO

-2Q_

L

1440: KI 10: + 5	CKENSACKE	R ANGH DH		PERIO MONTH		-	MAR 78 -		ម
15-19	WIND SPE 20-24 2	EN IN KNOT 15-29 30-3	-	40-47	50-64	GE 55	70TAL	MEAN MEAN	MEDIAN WIND
.5	• • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • •	• • • • • •	•••••	10.9	6.1	8.0
• ?							6.8	5.9	5.0
.2	. 1						7.3	5.9	5.0
							3.1	4.8	4.0
							3.2	4.4	3.7
•1							F • 3	5.2	4.0
							. 5.5	4.6	4.0
• .2	•?						9.4	5.3	5.0
• 2							R . 3	5.5	5.0
• 6	• 5						9.7	9.4	9.0
• :							5.5	9.1	3.0
1.1							5.7	9.3	C.F
	• • • • • • • •	•••••	• • • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••
	/////////	///////////////////////////////////////	/////////	//////	//////	//////	15.3	/////	/////
4.1	• ყ						100.0	6.0	5.0
TAL NUM	BER JE OR	SERVATIONS	847						

0 - 4 - 17

ı

OPERATING LOCATION MAM USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND FROM HOURLY DESERVATIONS

STA	TION NUMBE	ER: 724285	LS	TU CT Ta	fC: + 5						1: FEB	HOUR	MAR 78 - RS: 21-23
• • •	•••••	,	•••••	•••••	• • • • • • •		SPEED IN			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •
	DIPECTION (DEGREES)	-	5-9	10-14	15-19		25-29			49-49	50-64	GE 65	TOTAL
	350-010						• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •			9 2
(1/1)	320-010	1.7	4.7	2.4	• 2	• 2							9.2
	020-040	2.7	4.0	1.9	• 1								8.7
	050-070	? . §	3.5	. 7	• 2								7.3
(E)	080-100	2.5	1.2	• 4									4.1
	110-139	1.5	1.2	• 5									3.2
	140-160	1.9	1.2	• 5									3.5
(5)	170-190	4.0	3.2	.7									7.9
	200-220	2.3	2.5	2.0		• 1							7.5
	230-250	1.1	1.5	1.1	•6								4.3
(8)	260-290	1.3	3.4	2.7	1.1	. 1							A • 6
	290-310	1.5	4.1	2.4	.7	.1							a.3
	320-340	1.1	2.2	• 9	• 2	• 1							4.5
•••	VARIABLE			•••••	•••••		• • • • • • •	•••••	• • • • • • •		• • • • • • •		•••••••
~	CALM	111111111	/////	//////	1111111	1/////	////////	1111111	///////	(111111	111111	///////	/ 22.0 /
	TOTALS	25.)	32.8	16.2	3.1	• 6							100.0
				T ()	ITAL NUM	BER OF	OBSERVA	TIONS	846				

INTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

445: RIC	KENBAC	EY ANG	B 7H			D OF RE	CORD: 1	4AR 78 - S: 21-23		8
	AIND SE	PEPO IN	KNOTS	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
15-19				35-39	49-49	50-64	GE 65	TOTAL	MEAN Chiw	MEDIAN GNIW
2	.2	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	******	9.2	3.1	7.5
	• •									
. 1								8.7	6.9	6.0
. 2								7.3	6.0	5.0
								4.1	4.5	4.0
								3.2	5,4	5.0
								3.5	5.1	4.0
								7.9	5.1	4.0
	• 1							7.6	7.0	5.5
• 6								4.3	4.6	7.5
1.1	• 1							8.6	9.2	8.0
• 7	•1							8.9	۹.5	8.0
• 2	• 1							4.5	7.9	7.0
· • • • • • •	• • • • • •	••••		• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
///////	//////	7/////	//////	//////	//////	//////	//////	22.0	//////	/////
3.1	• 6							100.0	5.6	6.0
FAL NUMB	ER OF O	BSERVA	LIUNZ	846						
FAL NUMB	er of o	BSERVA	LIGNS	846	•••••				• • • • • •	• • • • • •

OPERATING LOCATION WAW USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND FROM HOURLY OBSERVATIONS

'JSAFETAC, ASH	HEVILLE NO					FROM 90	URLY 38	SERVALI	1042			
STATION NUMBE	R: 724285		ATION N		CKENBAC	KER ANG	8 Л Н			10 OF RE		MAR 78 - S: ALL
•••••	• • • • • • • • •	• • • • •	• • • • • • •	• • • • • •		PEED IN		• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • • •
DIRECTION									49-49	50-64	GF 65	TOTAL
(DEGREES)	• • • • • • • • •									• • • • • •	• • • • • • •	*
(N) 350-010	1.4	3.5	3.5	.4	.1	•••••	.0	• • • • • •		• • • • • •	• • • • • • •	8.8
020-040	2.0	2.5	1.3	• 1								5.0
050-070	3.0	3.9	1.3	• 3	• 0							8.4
(E) 080-100	1.3	1.3	• 5	• 0								3.7
110-130	1.3	1.0	. 4	• 7								2.7
140-150	1.9	1.3	• 5	•1	•0							3.8
(S) 170-190	3.4	3.7	1.4	•1	•0							8.6
200-229	3.9	3.8	2 • 4	• 5	.1	٠.٥	c.					9.9
230-250	1.6	3.2	2.1	. 7	• 2	• 0						7.3
(W) 260-230	1.4	3.2	3.4	1.0	.3	c.						9.3
290-310	1.2	3.0	2.5	• 6	. 1							7.6
320-340	.8	2.3	1.9	• 5	. 1							5.5
VARIABLE		• • • • •		•••••	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	• • • • • •	• • • • • • • •
CALM	11/1/1/1/	11111	1111111	1111111	///////	//////	//////	111111	()()()	//////	///////	17.3
TOTALS	22.3	32.8	21.3	4.4	. 9							100.0
			T ()	TAL NUM	BER OF	OBSERVA	TIONS	6787				

c - 4 - 10

INTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED TO THE FROM HOURLY OBSERVATIONS

C: + 5		KER ANG			MONTH	: FEB		: ALL		8
15-19	WIND S 20-24		KNOTS 30-34	35-39	40-49	50-64	GF 65	TOTAL		MEDIAN
	•••••	•••••	•••••	•••••	•••••	•••••	•••••	%	DNIW	WIND
.4	.1	•••••	.0		•••••	• • • • • • •	••••••	8.8	8.8	9.0
.1								6.0	6.7	6.0
•3	• 0							8.4	6.4	6.0
•0								3.7	5.4	5.0
• 5								2.7	5.5	5.0
• 1	•0							3.8	5.6	4.0
•1	• 0							8.6	6.2	6.0
•5	• 1	· 0	· 0					9,9	7.7	7.0
. 7	•2	.0						7.8	9.7	8.0
1.0	.3	· 0						9.3	9.7	10.0
• 5	. 1							7.6	9.0	9.0
• 5	• 1							5.5	9.1	9.0
	• • • • • •	••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	•••••	•••••	• • • • • •
111111	//////	///////	//////	//////	//////	//////	//////	17.9	/////	/////
4.4	•9							100.0	6.3	7.0
3		OBSERVA1					•••••			

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIN FROM HOURLY OBSERVATIONS OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -MONTH: FEB HOURS: ALL LST TO UTC: + 5 CATEGORY A: CFILING OF 200 RUT LESS THAN 1500 FEET WITH VISIBILITY OF 1/2 MILE (0800 METERS). AND/OR VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 (DEGREES) (N) 350-010 6.0 1.3 17.5 020-040 5.7 3.5 2.1 • 3 11.5 252-270 3.1 5.0 . 1 10.3 (E) 080-100 1.3 • 3 1.5 3.1 110-130 1.7 1.6 . 4 3.7 140-150 • 2 1.1 . 1 2.3 (S) 170-190 2.2 9.1 200-220 2.4 2.7 1.7 . 1 6.3 • 9 230-250 1.0 2.1 1.5 . 2 5.7 (W) 260-280 2.5 • 3 8.3 1.1 . 4 3.4 220-310 1.3 2.5 1.7 . 1 6.2 320-340 2.0 2.1 5.3 . 1 VARIABLE CALM 9.1 / 37.7 100.0 TOTALS 26.8 1.0 . 2

TOTAL NUMBER OF OBSERVATIONS 1138

C - 4 - 20

SPERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

₹	•																_													
1			ME:		I C	(EN	BÀ	CK	EΫ	AN	IG B						MON	TH:	FE	В		HOU	URS	S: /	ALL	- 5	FEB	88		
1	ſι				_	500	••	•• FE	• • • E T	w 1	тн						1/2									. • • •	• • • •	•••	••••	
4	HIL		601 601		-	E T E	RS)	BUI	T L	ES.	ST	HAN	3	ΜI	LES	(48	00	MET	ERS	5)	al II	н с	EII	ING	G	E 20	0 F	EET.	
I	• • •	• •	•••	••	•••	d I N	n.	SP	FF(D 1	N I	KNO	ts.	••	• • •	• • •	• • • •	• • •	• • •	• • •	• •	• • •	• • •	• • •	• • • •	• • •	• • • •	• • •	• • • • •	
i	14	•	15-	19										3	5-3	9	40-4	.a	50-	64	G	E 6'	5	Ţ	TAL	. ,	MEAN	Ņ	EDIAN	1
Ì	• • •	• •	•••	••	• • •	• • •	••	• •	• • •	• • •	• • •	•••	• • •	••	•••	•••		•••	•••	•••	•••	•••	• • •	• • •	%	•••	DRIN	• • •	GNIW	
	5	• • 5	1	.3	• • •	• • •	• •	••	• • •	• • •	• •	• • •	.2	• •	• • •	• • •	• • • •	•••	• • •	• • •	• •	•••	• • •	i	7.5	•••	9.9	•••	10.0	
1	, =			. 3																				1	1.6		7.9		8.0	
1	. • 2	•		. 4			. 1																	10	3.3		6.8		5.0	
1	٠ ٤	3																							3.1		5.4		5.0	
	. 4	•																						:	3.7		5.4		5.0	
1	٠.٠						. 1																	ä	2 • 3		5 • 3		4.0	
	2.2			• 1																				Ç	9 • 1		5.8		6.0	
1	7	•		• 1																				6	5.9		5.8		6.5	
-	. • 4			• 9			• 2																	9	5.7		9.5		8.0	
	. 4	•		• B			. 4																	8	3 . 3	1	10.1		10.0	
à	• • •	,		. 4			. 1																	ŧ	5 • 2		8.3		8.0	
	• :			• 4			• 1																	5	5.3		9.6		9.5	
	• • •	••	• • •	• • •	• • •	• • •	• •	• •	•••	• • •	• •	•••	•••	• •	• • •	• • •	• • • •	• • •	•••	• • •	• •	• • •	•••	• • •	• • •	•••	• • • •	• • •	• • • • •	
	111	///	///	//.	///	///	//	//	///	///	///	///	///	//	///	///	////	///	///	///	///	///	//	ç	9.1	11	////	///	////	
٠		t.	4	. 7		1	.0						• 2											100	0.0		7.4		8.0	
-	Ť	9 T	ΔL	ונוע	мве	Q	OF	Ü	BSE	ERV	/ Δ Τ	ION	S	11	38															

C - 4 - 20

	ETAC, ASHE												
STAT	TION NUMBER	724285	LS	TU CT T	C: + 5					MONTH	ID OF RE	HOUR	MAR 78 - S: 00-02
• • • •	••••••	• • • • • • • •	• • • • •	• • • • • • •			SPEED IN		* * * * * * * *	• • • • • • •	• • • • • • •	• • • • • • •	•••••
	DEGREES)	1-4					25-29			40-49	50-64	GE 65	TOTAL "
(N)	350-010	2.9	3.4	1.4	.2	•••••	• • • • • • •	• • • • • •		•••••	• • • • • • •	•••••	8.0
	020-040	4.2	4.0	1.1	• 2								9.5
	050-070	3.5	4.9	1.3	. 2								10.0
(E)	080-100	2.5	1.9	• 4									4.9
	110-130	1.3	1.1	• 3									2.7
	140-160	1.9	1.9	• 3	• 2								4.7
(5)	170-190	3.2	2.3	1.0	.1								6.5
	200-220	2.7	2.9	2.2	.6	• 2							8.8
	230-250	1.3	3.1	• 0	.1	. 1							5.5
(W)	260-250	1.4	3.7	1.9	•5	. 3							7.8
	290-310	2.2	4.5	1.7	.5	• 1							9.1
	320-340	1.2	1.9	2.9	. 4	• 1							6.5
٠	'ARIA3LE	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	• • • • • •	• • • • • • •
	CAL'4	/////////	/////	//////	1111111	//////	///////	//////	///////	//////	///////	///////	15.9
ī	THTALS	29.5	35.7	15.9	3.0	.8							100.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

Eq

ט כז	TC:	+ 5	I CKENBACI				MONTH	: MAR	HOUR	MAR 78 - S: 00-02	2	3
• • • •	••••	• • • •	WIND S	PEED IN				• • • • • • •	• • • • • •			· • • • • • •
7-14	15	-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MIND	MEDIAN WIND
1.4	••••	.2		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	8.0	6.6	6.0
1.1		• 2								9.5	5.7	5.0
1.3	,	. 2								10.0	6.3	5.0
. 4	•									4.9	5.2	4.0
. 3	}									2.7	5.0	5.0
• ?	•	. 2								4.7	6.2	5.0
i.0	!	. 1								6.6	5.9	5.0
2.2	ı	.6	• 2							8.8	7.7	6.0
• ")	. 1	• 1							5.5	7.1	6.0
1.9)	•5	. 3							7.8	8•8	3∙0
1.7	•	.5	• 1							9.1	7.5	7.0
→ 0	•	. 4	• 1							6.5	9.3	10.0
• • • •	••••	• • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
////	////	///	///////	//////	//////	//////	//////	//////	//////	15.8	/////	/////
15.9)	3.0	• 8							100.0	5.8	6.0
1	TAL	NU?	MBER OF	DBSERVA	TIONS	930						

OPERATING LOCATION "A" : PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS USAFETAC. ASHEVILLE NO FROM HOURLY OBSERVATIONS

USAFETAC, ASE	HEVILLE NO					FROM HO	URLY OF	SERVAT	IONS			
STATION NUMBE	= ?: 7 24285		N NOITA			KER ANG			MONTH	D OF RE	HOUR	1AR S: 0
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	WIND S	PEED IN 25-29	KNDTS		49-49			FO
(N) 350-010	2.3	3.3	1.7	.2		• • • • • • •	• • • • • •	• • • • • •	•••••	•••••	• • • • • • •	7
020-040	3.5	2.7	1.2	•1								7
050-070	o.s	4.5	1.4									٠
(E) 080-100	2.5	2.0	. 4									4
110-130	1.5	.3	• 4									2
140-160	1.9	1.3	• 1		• 2	.1						4
(S) 170-190	4.7	4.2	1.2									10
200-220	2.2	2.9	1.7	.5								7
230-250	1.3	2.4	1.4	. 5								۲
(W) 260-290	1.2	2.4	1.9	• 6	.4		.1					6
290-310	3.4	3.5	2.3	• 5	• 2							10
329-340	1 • 4	3.1	3 • 1									7
Avolvare	• • • • • • • • •	•••••	•••••	•••••	• • • • • •	• • • • • •	• • • • • •	•••••	•••••	•••••	• • • • • • •	• • • •
CALM	///////	/////	//////	//////	//////	///////	//////	//////	///////	//////	1111111	17
TOTALS	20.5	33.1	17.2	2.5	. 8	•1	• 1					100
			r.o	TAL NUM	BER OF	OBSERVA	TIONS	930				

NTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DBSERVATIONS

AME: RICKE : + 5	NBÄCKER	ANGB 0	Н	PERIOO MONTH:		CORD: M HOURS	IAR 78 -		8
	ND SPEE	_	IOTS 0+34 35-39	49-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
•2	•••••	• • • • • •	**********	• • • • • • •	• • • • • •	• • • • • •	7.5	7.2	7.0
.1							7.5	5.7	5.0
							8.4	6.5	6.0
Ì							4.9	5.2	4.5
							2.7	5.4	4.0
	• 2	.1					4.2	6.2	5.0
							10.1	5.6	5.0
•5							7.3	7.5	7.0
• 5							5.7	3.1	5.0
•5	. 4		•1				6.7	9.9	8.5
•5	• 2						10.0	7.5	7.0
							7.5	3.0	s.0
			• • • • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	
///////////////////////////////////////		//////		///////	//////	//////	17.3	/////	/////
2.5	. 8	• 1	• 1				100.0	5 ₄ ឝ	5.0
VL NUMBER	OF OBS	ERVATIO	INS 930						

OPERATING LOCATION HAM USAFETAC, ASHEVILLE NO

PEPCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY OBSERVATIONS

STATION NUMBER:	1 724285	L S	דט פד ד	-	CKENBAC	KER ANG	8 04		HTHOM	DO DE RE	HOUR	MAR 7
OIRECTION (DEGREES)	1-4		10-14	15-19	20-24		30-34	36-37			GE 65	10T
(N) 350-010	2.3	3.3	1.5	.5	.1	.1	• • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	8.
020-040	2.9	2.5	1.2	.3								6.
050-070	3.0	3.9	1.7									۹.
(E) 030-100	1.9	1.1	1.3	• 2								4.
110-130	1.7	• 4	. 5									2.
140-150	7. (2.5	• 5	• 3	. 1							٠.
(S) 170-190	4.0	3.5	1.5	. 4								9.
200-220	2.3	3.3	2.0	. 4								8.
230-250	1.7	1.7	1.3	. 5								5.
(A) 250-260	1.0	2.4	1.5	•8	.5							5.
290-310	2.3	4.8	• 9	• 5	.4							9.
320-340	2.3	3.1)	1.4	•1	• ?							7.
VARIABLE	, • • • • • • • •	• • • • •	•••••	•••••	•••••	•••••	* * * * * * *	• • • • • • •				• • • •
CALM	/////////	//////	//////	7//////	//////	//////	111111	///////	1//////	///////	///////	16
TOTALS	29.7	32.6	15.5	4.4	1.3	. 1						100

ENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

	144E: RI [C: + 5	CKENBACI	CER ANG	3 OH			O DE RE		MAR 78 - S: 06-08		8
ΑŢ	• • • • • • •	WIND SI	PEED IN	KNOTS	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •
7	15-19	23-24	25-29	30-34	35-30	49-49	59 - 64	GE 65	TOTAL %	MEAN NIND	MEDIAN ONIK
B.Z.	.5	.1	.1	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	8.5	7.4	6.0
έ.	.3								6.9	5.7	5.0
•	[9.5	5.5	6.0
F,	• 2								4.5	6.7	6.0
·									2.8	5.5	4.0
5	. 3	.1							5.2	5.2	5.0
7	.4								9.7	6.2	5.5
	.4								8.6	7.1	6.0
,	•4								5.4	8.1	5.0
7	.8	.5							6.1	9.5	8.0
7	. 8.	. 4							9.7	7.4	5.0
	. 1	• 2							7.0	7.2	5.0
,,,		• • • • • • •	•••••	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •	• • • • • • •
Ď	(111111	///////	//////	//////	///////	///////	//////	//////	16.1	/////	/////
1	4.4	1.3	. 1						100.0	6.0	6.0
	TAL NUM,	BER DE (BSERVA1	IONS	930			• • • • • • •			• • • • • •

UPERATING ESCATION "A" USAFETAC, ASHEVILLE NO STATION NUMBER: 724285

UPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SERVATIONS

STA	(T.13N - 109435	72428	-	M MOLTA		CKENBAC	KER ANG	в Эн			O DE RE	-,,,,,	448 79 S: 09-
	DIRECTION (DEGREES)	1-4	5- 9	17-14	15-19		PEED IN 25-29		35+3?	40-49	50-54	GE 65	TOTA 2
(N)	350-010	1.5	3.7	2.3	.6	.1	.1	• • • • • •	• • • • • •	• • • • • •	•••••	•••••	8.4
	020-040	1.4	2.2	1.3	• 5	. 1							5.5
	050-070	. · a	3.0	3.5	. 3	• 1							9.9
(E)	030-100	1.3	2.4	1.0	• 2								5.5
	110-130	1.0	1.3	.1									2.9
	140-150	1.5	3.4	1.5	. 5	. i							7.1
(3)	170-195	1.3	4.3	3.2	1.0	. 1							10.4
	200-220	1.0	4.9	3.4	1.2								10.5
	230-250	1.0	3.2	>	1.0	• 5							° . 7
(4)	250-250	.3	2.2	3.7	1.5	• 2							7.5
	290-31)	1.+	3.5	1.0	• 6								7.5
	320-340	: . <i>i</i> .	4.1	3		• 2							9.5
• • •	A75175F5	• • • • • • • •	•••••	• • • • • •	•••••	••••••		• • • • • •	•••••	•••••	• • • • • •	•••••	• • • • •
	C \$1,11	11111111	111111	//////	//////	//////	//////	///////	1111111	///////	//////	1111111	4.2
	TOTALS	17.2	33.7	28.5	7.6	1.4	• 1						100.0

TOTAL NUMBER OF OBSERVATIONS 930

C = 4 = 34

PRROENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

0.3

F.F.		AMS: RI C: + 5	CKENBAC	KER ANG	в Эн			D OF RE	CORD: HOUR	MAR 79 S: 09-1		8
95 y 41 y	: 0 -1 4	15-19	WIND S 20-24	PEED IN 25-29	KNOTS 30-34	35-39	40-49	50-54	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
) es	2.3	.5	.1	.1	• • • • • •	******	•••••	•••••	•••••	8.4	8.8	9.0
8.	1.3	•5	•1							5.5	9.5	8.0
7.	٠,۴	. 3	• 1							9.9	7.9	8.0
5.	1.0	• 2								5.5	6.7	5.0
5.4	. I									2.9	5.9	6.0
7.	1.=	• 5	.1							7.1	7.9	7.0
5.	3.2	1.0	.1							10.4	3.6	8.0
٦.) . "	1.2								10.5	9.3	9.0
1	٠,	1.2	• 5							8.7	10.2	10.0
11.	3.7	1.5	• 2							7.s	11.4	12.0
	1.,	• *)								7.5	3.5	3.0
•	V.		• 2							9.5	R . 4	8.0
••••		• • • • • •	•••••	• • • • • •		• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
1111		//////	//////	//////	//////	//////	//////	//////	//////	6.2	/////	/////
* • ?	. 4.5	7.6	1.4	.1						100.0	8.2	8.0
1	ť 7,	TAL NUM	BER OF :	JBSERVA	TIDAS	930						

TOPERATING LOCATION WAW USAFETAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND PROCESSES OF THE PROPERTY OF THE PROPERT

STA	TION NUMBE	R: 724285	LS	T TO UT	C: + 5	CKENBAC				HTMCM	NO OF RE	HOUR	MAR 78 - S: 12-14
	DIRECTION (DEGREES)	1-4					PEED IN	KNOTS	35-39			GE 65	TOTAL
	350-010	1.3	3.1	1.8	1.1	.1	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	•••••	7.4
	020-040	• 6	1.5	2.0	.5	• 2							4.9
	050-070	1.2	2.7	3.7	, 5								5.1
(E)	080-100	2.2	1.2	1.4	.4								5.2
	110-130	• 5	1.3	• 4									2.4
	140-160	1.1	2 • 4	1.5	• 4	•1							5.5
(5)	170-190	1.4	4.2	3.2	1.3	. 1							10.2
	200-220	1.1	3.3	4.2	1.6	.9							11.1
	230-250	1.2	2.9	4.9	1.9	• 2	• 1						11.1
(W)	250 - 230	.5	4.1	4.4	2.4	• 3	• 2						12.5
	290-310	1.3	4.2	3.3	1.1	•3	• 1						10.5
	320-343	1.4	3.5	2.5	• 5	• 1							9.2
• • •	VARIABLE		• • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	•••••
	CVF.i	111111111	/////	//////	///////	//////	//////	//////	////////	///////	///////	///////	2.9
	TOTALS	13.7	34.4	33.9	11.7	2.8	. 4						100.0
				70	TAL NUM	BER OF	DASERVA	TIONS	930				

PRICENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PACE CLAMBS

े प्रा	C: + 5	CKENBAC				HTNOM	: MAR		S: 12-1	4	8
		WIND S	PEED IN	KNOTS						• • • • • •	• • • • • •
14	15-19	20-24	25- 29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	WIND	MEDIAN WIND
	1.1	.1	•••••		• • • • • •	• • • • • • •	• • • • • •	•••••	7.4	9.0	8.0
.0	.5	• 2							4.9	10.2	10.0
. 7	• 5								9.1	9.0	10.0
. 4	.4								5 • 2	7.0	6.5
. 4									2.4	6.5	6.5
• 5	• 4	. 1							5.5	9.5	8.0
• 2	1.3	. 1							10.2	9.1	3.0
• :	1.6	• 9							11.1	11.1	10.0
• ·	1.8	• 2	.1					_	11.1	10.9	11.0
. 4	2.4	•3	• 2						12.5	11.4	11.0
• •	1.1	• 3	. 1						10.5	10.0	10.0
• :	• 6	• 1							9.2	8.0	8.0
•••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	•••••		• • • • • •	• • • • • •
///	//////	//////	//////	//////	///////	///////	//////	1111111	2.9	/////	/////
• •	11.7	2.9	.4						100.0	9.5	10.0
T 21	TAL NUM	BER OF (DBSERVA	TIONS	930						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY OBSERVATIONS OPERATING LOCATION MAM USAFETAC, ASHEVILLE NO STATION NUMBER: 724285 PERIOD OF RECORD: MAR STATION NAME: RICKENBACKER ANGB OH LST TO UTC: + 5 MONTH: MAR HOURS: 1 WIND SPEED IN KNOTS DIPECTION 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 (DEGREES) (N) 350-010 1.4 3.1 3.2 1.2 020-040 1.0 . 4 1.5 1.7 • 2 4 050-070 3.0 3.7 • 5 a (E) 030-100 • 1 3 110-130 . 3 •5 1.0 . 1 140-150 1.4 1.7 1.5 • 2 (S) 170-190 7 3.3 2.8 • 4 200-220 1.0 3.9 . 9 2.5 2.4 10 230-250 1.5 . 4 . 2 10 (W) 260-250 . 9 4.7 5.3 2.8 1.1 15 290-310 3.3 4.5 11 329-340 4.0 3.1 VARIABLE CALT TOTALS 32.9 35.2 11.5 3.4 100

TOTAL NUMBER OF OBSERVATIONS

0 - 4 - 25

EPCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AME: RI C: +5	CKENBAC	CER ANG			MONTH	: MAR	HOUR	S: 15-1		8
15 - 19			KNOTS						MEAN WIND	MEDIAN WIND
1.2	• • • • • • •	•••••	• • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	8.9	9.5	9.0
. 4	•2							4.8	9.0	9.0
•5								8.3	8.9	10.0
•1								3.7	7.7	8.0
•1								2.5	7.5	8.0
• 2								4.8	7.5	7.0
.4								7.0	8.9	9.0
2.4	• 9							10.6	11.7	12.0
1.5	. 4	• 2						10.1	10.6	9.5
2.8	1.1							15.3	11.4	11.0
1.4	• 5							11.5	10.2	10.0
•6	• 2							8.5	9.7	9.0
•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	
//////	///////	//////	//////	///////	//////	//////	//////	3.9	/////	/////
11.5	3.4	• 2						100.0	9.5	10.0
TAL NUM	3ER OF 0	B\$ERVA	TIONS	930						
	15-19 1.2 .4 .5 .1 .1 .2 .4 2.4 1.5 2.8 1.4 .6	#IND SPEED IN KNOTS 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN WIND 1.2 8.9 9.5 4 .2 4.8 9.0 5 9.3 8.9 1 3.7 7.7 1 2.5 7.5 2 4.8 7.5 4 7.0 8.9 2.4 .9 10.6 11.7 1.5 .4 .2 10.1 10.6 2.8 1.1 15.3 11.4 1.4 .5 10.2 6.6 .2 8.5 9.7								

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIN FROM HOURLY OBSERVATIONS

STATION NUMB	ER: 724285		N NOITA		CKENBAC	KER ANG	8 OH			OO OF RE		MAR 78 - S: 18-20
•••••	• • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		SPEED IN		• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • • •
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		25-29		35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	2.5	5.2	2.9	.5	.1	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	11.2
020-040	2.5	3.2	1.7	.5								9.0
050-070	1.6	3.8	2.3	• 2								7.8
(E) 080-100	1.7	1.7	1.0									4.4
110-130	1.2	.8	• 2									2.2
140=160	2.3	1.4	.9	• 1								e • 5
(S) 170-190	1 • 2	2.9	1.1	• 2	• 1							6.1
200-220	2.5	3.2	2.5	. 3	• 1							8.7
230+250	1.5	2.5	1.6	. 3								5.9
(N) 250-280	2.3	5.1	4.1	1.5								12.9
290-310	2.7	3.3	4.1	1.3	. 3							11.7
323+340	1.2	2.3	2.5	1.0	• 1							7.0
VARIABLE	•••••	• • • • • •	•••••	• • • • • •	•••••	• • • • • • •	• • • • • •		•••••	•••••	•••••	• • • • • • •
CALM	111111111	/////	//////	//////	//////	///////	//////	////////	///////	///////	//////	3.7
TOTALS	24.3	35.4	25.0	5.9	. 7							100.0
			TÜ	TAL NUM	BER OF	OBSERVA	TIONS	930				

C = 4 = 33

.

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

ATION N	C: + 5		KER ANG	HQ 8		MONTH	I: MAR		S: 18-2	0	A
10-14	,	WIND S	25-29					GE 65	TOTAL %		MEDIAN WIND
2.9	5		• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	11.2	7.8	8.0
		• •									
1.7	• 5								5.0	7.5	7.0
7.3	• 2								7.8	7.7	7.0
1.0									4.4	6.7	6.0
.2									2.2	5.2	4.0
• 3	.1								5.2	5.6	4.0
1.1	• 2	.1							6.1	7.1	7.0
2.5	.3	. 1							8.7	7.7	3.0
1.5	. 3								5.9	7.6	6.0
4.1	1.5								12.9	8.8	8.0
4.1	1.3	.3							11.7	9.3	9.0
1 , s,	1.0	• 1							7.0	9.2	10.0
••••		• • • • • • •	• • • • • •	• • • • • •	•••••			• • • • • • •		• • • • • •	• • • • • •
///////	//////	//////	//////	///////	////////	1111111	//////	1111111	8.9	/////	/////
25.0		.7							100.0	7.2	8.0
1 01	TAL NUM	BER OF	OBSERVA	TIONS	930						

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WILL SAFETAGE ASHEUTILE NO.

	FVILLE MC											
STATION NUMBER	: 724285	LS	זט מז זמ	TC: + 5					MONTH	H: MAR		RS: 21-2
DIPECTION (DEGREES)		5-7	10-14	15-19	WIND : 20-24	SPEED IN 25-29	30-34	35-39	40-49	50 - 64	GE 65	TOTAL %
(N) 350-010	2.0	4.0	1.7		.1		• • • • • •	,	• • • • • • •		,	8.5
020-040	3.9	5.2	.8	• 2								10.0
050-070	2.0	4.3	1.7	. 4								9.4
(E) 080-100	2.2	2.8	• 5									5.5
110-130	2.2	1.1	• 2									3.4
140-160	3.5	1.9	•8	• 2	• 1							6.5
(5) 170-190	2.5	3.5	.8	.3								7.1
200-220	2.0	2.3	1.5	.3								6.2
230-250	2.9	3.1	• 5	•6	• 1							6.5
(W) 250-280	1.1	3.2	2.9	• 5		• 1						7.8
290-310	2.2	4.5	2.6	8.	• 2							10.2
3?7-340	1.2	3.0	2.4	• 5	. 1							7.2
VARIABLE	•••••		•••••	•••••) • • • • • •	•••••	• • • • • •		, .	• • • • • • •	••••••	• • • • • •
CALM	/////////	/////	///////	'//////	//////	///////	//////	///////	///////	//////	///////	11.5
TOTALS	27.7	39.9	16.6	4.4	.6	. 1						100.0

E	TATION (T. TI)			CKENBÁC	KER A	NGB	OH		PERIO: MUNTH		CORD: M Haurs	AR 78 -		8
	10-14	15-	19	WIND S 20-24				35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
7	1.7	,	.6	.1	• • • • •	••••	• • • • •	• • • • • • •	•••••	•••••	• • • • • • •	8.5	7.7	7.0
Ç,	• <i>₹</i>	:	• 2									10.0	6.0	6.0
,	1.7	•	. 4									9.4	6.8	6.0
5	• 5											5.5	5.4	5.0
	• 2											3.4	4.3	4.0
·	• "		• 2	. 1								6.6	5.4	4.0
	• A		. 3									7.1	6.2	6.0
7.	1.5		. 3									6.2	7.5	7.0
٠.	• 5		• 5	•1								6.6	7.1	6.0
	2.9		.5		•	1						7.8	8.8	8.0
	2.6		. 8	• 2								10.2	8.1	7.0
			.5	.1								7.2	8.6	7.0
•				••••	• • • • •	• • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •			• • • • • •	• • • • • •
, ,														
1							7////	(//////	///////	//////	//////		/////	
•	15.5		• 4	• 6		1						100.0	6.2	6.0
	Г	OTAL	NUME	SER OF	03 5 ER	VATI	SNE	930	• • • • • •					• • • • • •

** OPERATING LOCATION **A** *** PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SUBJECTION V

STA	TION NUMBER		LS	TO UT	C: + 5					MONTH	: MAR		S: ALL
•••	•••••	•••••	• • • • •	• • • • • •	•••••		PEED IN		• • • • • • •	• • • • • •	• • • • • •	*****	• • • • • •
	DIRECTION	1-4					25-27	-				GE 65	TOTAL
	(DEGREES)	• • • • • • • •											*
	350-010	2.1	3.6	2.1	.6	.1	.0	• • • • • •		• • • • • •	•••••	•••••	8.5
	020-040	2.5	2.8	1.4	. 4	. 1							7.1
	050-070	2.3	3.9	2.4	. 3	• 0							A.3
(E)	080-100	2.0	1.8	•9	• 1								4. 8
	110-136	1.3	• 9	• 5	•0								2.7
	140-150	2.1	2.1	1.0	.3	.1	•0						5.5
(5)	170-190	2.5	3.5	1.8	• 5	.0							9.4
	290-220	1.9	3.2	2.7	.9	. 3							9.0
	230-250	1.4	2.3	2.0	• 9	• 2	.0						7.4
(ii)	260~230	1.1	3.5	3.3	1.3	. 4	.0	.0					9.6
	290-310	2.2	4.9	2.7	.9	• 3	•0						10.0
	320-340	1.3	3.1	2.7	• 4	. 1							7.7
•••	/ARIABLE	• • • • • • •	• • • • • •	•••••	• • • • • •	•••••	•••••	• • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	•••••
	CAL"	////////	/////	//////	//////	///////	///////	//////	((((())	///////	//////	///////	10.3
	TOTALS	22.7	35.2	23.5	6.6	1.6							100.0
				τα	TAL NUM	ass os	OBSERVA	TIONS	7440				

N NEITA 16 ET 14		CKENBAC	KER ANGE	3 134		_	D OF RE	CORD: N	IAR 78 :	- FEB 8	8
10-14	15-19	wind 5 20-24	PEED IN 25-29		35-39	49-49	50 - 64	GE 65	TOTAL	MEAN	MEDIAN
	•••••		• • • • • • •					• • • • • • •	%	- DNIW	CNIW
2.1	• 6	• 1	• 0						8.5	8.0	7.0
1.4	. 4	• 1							7.1	7.1	6.0
2.4	• 3	.0							8.3	7.4	- 7.0
•9	•1								4.8	6.3	6.0
• =	• 0								2.7	5.7	5.0
1.0	• 3	• 1	• 0						5.5	6.7	6.0
1.5	•5	.0							9.4	7.3	7.0
2.7	•9	. 3							9.0	8.9	8.0
2.9	• 9	• 2	· 0						7.4	9•1	8.0
3.3	1.3	. 4	· 0	. 0					9.6	10.2	10.0
7.7	• •	•3	• 0						10.0	9.7	8.9
2.7	• 4	. 1							7.7	8.7	8.0
•••••	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • •	• • • • • •
(111111	///////	///////	///////	//////	//////	///////	//////	//////	10.3	/////	/////
23.5	6.6	1.6							100.0	7.3	8.0
to	TAL NUM	BER OF	03SERVA1	ZPOL	7440						

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS STATEON NUMBER: 724295 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 1 LST TO UTC: + 5 MONTH: MAR HOURS: AL CATEGORY A: CFILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS). ANDVOR VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILI STERN HI GEERS GHIW 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 66 65 (DEGREES) (N) 350-010 1.7 3.9 5.0 1.6 • 2 . 1 12. 220-040 2,1 a. 1.5 3.6 1.2 . 1 050-070 1.5 4.5 2.3 . 3 8. (E) 080-100 3.0 3.4 2.1 • 2 110-130 1." 2. 140-150 1.5 1.7 (5) 170-190 1.2 1.9 1.2 • 3 . 1 200-220 .7 1.5 1.7 1.7 230-250 1.5 3.7 1.9 . 1 (A) 260-280 • 2 1.2 4.3 3.0 . 1 1.4 10. 230-310 3.7 1.1 . 3 10. 320-343 i.3 5.5 3.1 . 7 .5 11.1 VARIABLE CALM TOTALS 100.0 TOTAL NUMBER OF OBSERVATIONS 1025

C - 4 - 30

1

10

Ge

. .

1

.

PERIOD OF RECORD: MAR 78 - FEB 88 STATION NAME: RICKENSACKER ANGB OH MONTH: MAR HOURS: ALL ST TO UTC: + 5 BUT LESS THAN 1500 FEET WITH VISIBILITY OF 1/2 MILE (OROO METERS). 440706 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET. WIND SPEED IN KNOTS 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 6E 65 TOTAL MEAN MEDIAN % WIND CNIW 5.0 1.6 • 2 10.0 . 1 12.4 10.1 2.1 1.2 8.5 9.1 . 1 8.0 . 3 2.3 8.8 7.3 8.0 2.1 . 2 7.1 6.0 4.0 • 3 4.0 6.0 5.0 1.2 • 3 . 1 4.6 3.0 8.0 3.3 1.7 . 7 5.6 8.0 3.0 1.9 • 3 . 1 7.9 3.4 3.0 1.4 • 2 . 1 10.1 9.6 3.5 3.3 • 3 10.0 9.3 9.0 9.2 3.0 11.0 27.1 100.0 8.1 8.0 TOTAL NUMBER OF OBSERVATIONS 1025

OPERATING LOCATION MAM USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WERE HOURLY DESERVATIONS

USAFTIAC, AST	ATELO NO					HKDW HO	טי דבאניני	35% TVAIL	,			Į.
STATION NUMBER	FR: 724295	LS	st to ut	TC: + 5	ICKENBAC				MONTH	OD DE RE	HOUR	MAP 78
(DECSELS) DISECTION	1-4				WIND S 20-24	SPEED IN	N KNOTS			59-64		ስተር ተ ሊያ የ
(N) 350-010	3.3	3.9	1.3	. 1	.1	•••••		,			, 	9.2
020-040	2.7	3.3	.3									5.3
050+070	ં . વ	3.9	1.0	• 2								7.9
(E) 030-100	2.3	2.1	. 7									4.A
110-130	• 5	. 7										1.2
140-150	3.7	1.3	. 4	• 1								5.0
(S) 170-190	3.3	2.7	• 6	• 1	• 1							7.2
200+220	3.0	2.3	1.9	• 2								7.9
230-250	1.3	2.4	.4	• 3	.3	• 1						F • 4
(A) 250+247	1.0	3.0	1.2		.1	• 2						5.6
290=310	1.3	4.0	2.1	. 4	• 5							8.4
320-340	1.3	1.6	• et									₹.7
VARIABLE	,) • • • • •	•••••	•••••	,	•••••		, • • • • • •	, • • • • • • •	,		•••••
CALM	111111111	111111	//////	7//////	!!!!!!!	'//////	'//////	////////	///////	///////	///////	26.3
TOTALS	27.3	3?.2	11.2	1.4	1.2	. 3						100.0
			TO	TAL NUM	43ER 0F	DASERVA	at LONS	900				

r - 4 - 31

٠,

7 S

10-14	15-19		PEED IN 25-29	30-34	35=37	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN
1.3	•1	1	• • • • • •	• • • • • •	• • • • • •	******	• • • • • •	• • • • • •	9.2	5.3	6.0
.3									5.3	5.4	5.0
1.0	• 2								7.9	6.3	6.0
. 7									4.8	5.6	6.0
									1.2	5.1	5.0
. 4	• 1								6.0	4.9	4.0
• 5	• 1	•1							7.2	5.6	4.0
1.9	• 2								7.9	6.9	5.0
	. 3	.3	• 1						5.4	3.4	6.0
1.2		• 1	• 2						5.6	8.5	A.0
2.1	. 4	•5							8.4	9.0	8.0
• •									3.7	5.5	5.0
			• • • • • • •	• • • • • •		•••••		• • • • • •	• • • • • • •	• • • • •	
		///////	1111111	//////			///////	(///////	26.3	/////	111111
11.2	1.4	1.2	.3			.,,,,,,			100.0	4.9	5.0

C - 4 - 31

OPERATING LOCATION TAT USAFFTAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND FROM HOURLY DRSERVATIONS

STATION NUMBE	. , , ,	LS	TU CT T	rc: + 5	I CKENBAC		-		MONTH	DO NE RE	HOUR	MAR 78 - S: 03-05
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	• • • • •	• • • • • •	• • • • • •		PEED IN		•••••	• • • • • •	•••••	•••••	• • • • • • • •
DIRECTION (DEGREES)	1-4	5 -7	10-14	15-19	20-24	25-29	30-34	35~39	40-49	50-64	GE 65	TOTAL
(N) 350-010	2.3	3.6	1.1	.6	• • • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • • •	•••••	3.1
020-040	3 . 2	2.3	• 2									5.3
050-070	3.4	3.1	1.2	• 2								# • O
(E) 030-100	2.3	1.7	1.2									5.2
110-130	• 4	•9	• 2									1.5
140-150	3.0	1 • 2	• 2		. 1	.1						6.1
(S) 170-190	4.9	2.6	1.1	.2	•1							3.9
200-220	1.5	2.9	2.1	1.1								7.7
230-250	1.7	3.0	• 2	• 2								4.4
(A) 250-230	1.5	4.0	• 5									5.5
290-310	1.1	4.0	1.5	• 2	• 5	.3						7.8
320-340	?.^	2.2	• 9	• 1								F • 2
BJEATRAV	• • • • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	•••••	•••••	• • • • • •	• • • • • • • • •
CALT	/////////	(11111	///////	///////	'//////	//////	//////	11/1///	1111111	1111111	1111111	25.7 /
TOTALS	27.7	31,5	11.2	2.5	. 8	. 4						100.0
			TO	TAL NUM	BER OF	08SERVA1	LIONS	900				

9 - 4 - 32

TO UT	C: + 5	CKENBACH				MONTH	: APR		s: 03-09	5	8
		WIND SF 20-24	PEED IN	KNOTS	35 - 39			GE 65	TOTAL	MEAN WIND	
1.1	.6	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • •	8.1	6.4	5.0
• 2									5.8	4.8	4.0
1.?	• 2								8.0	5.1	5.0
1.2									5.2	6.1	6.0
• 2									1.6	5.0	5.5
• 2		. 1	.1						6.1	5.5	4.0
1.1	• 2	.1							8.9	5.7	4.0
2 • 1	1.1								7.7	8.7	7.0
• 2	• 2								4.4	5.4	5.0
• 5									5.6	5.4	6.0
1.5	• 2	• 5	.3						7.8	9.4	8.0
	• 1								5.2	5.3	5.0
• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	•••••
111111	//////	///////	//////	/////	////////	///////	//////	//////	25.7	/////	111111
11.2	2.5	• d	.4						100.0	4.9	5.0
		BER OF (-								

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY OBSERVATIONS

ST	ATION NUMBE	:R1 724285		r noitat Tu ot të		ICKENBAC	KER AND	38 OH			OD OF RE		MAR 71
•••	DIRECTION (DEGREES)	1 = 4	5 - 9	10-14	15-19		SPEED IN 25-29			40-49	50-64	GE 55	TUTI
(N)	350-010	1.4	4.3	.9	.3	. 2	•••••			• • • • • • •	, • • • • • •	, 	7.;
	020-040	2.4	1.8	1.1									5.:
	050-070	4 • 5	3.9	1.3									9.5
(F)	030-100	1.8	2.3	1.7	.3								6.1
	110-130	1 • 2	•3	• 3									2.1
	140-150	2 • 1	1.9	• 3	. 1	•1							4.
(5)	170-190	3.7	3.7	1.2	•3								a.c
	200-220	2.1	3.9	2.9	1.2	• 2							15.3
	230-259	1.7	2.1	• 7	•2	• 1							4 .
(W)	250-200	1.1	1.9	1.5	.4	•1							۶.۶
	270-310	1.)	4.1	1.3	. 4	. 3	. 2						7.4
	320 - 34)	1.2	2 • 1	• 9		. 4							4. 7
•••	VARIABLE	******	•••••	•••••	• • • • • • • •	•••••	• • • • • •) • • • • • <i>•</i> •	• • • • • • • •		, • • • • • ·		
	CALM	/////////	/////	//////	//////	///////	//////	(//////	///////	'//////	1//////	///////	/ 23.
	TOTALS	24.3	32.7	14.2	3.2	1.4	• 2						100.0
				ro	ITAL NUM	MER OF	08SFRV#	ATLDUS	300				

C - 4 - 33

- 1

	AME: RI C: + 5	CKENBAC	KER ANG	в Он			-	•	MAR 78 - S: 06-08		8
j	• • • • • •		PEED IN	KNOTS							• • • • • •
,-14	15-19	20+24	25-29	30-34	35-39	40-49	59-64	GE 65	TOTAL	MEAN WIND	MAIGBM Crik
. 9	3	. 2	• • • • • •	• • • • •	• • • • • • •	•••••		•••••	7.2	7.5	7.0
1.1									5.3	5.9	6.0
1.3									9.8	5.7	5.0
1.7	• 3								6.1	7.5	8.0
. 3									2.3	5.4	4.0
. 3	• 1	- 1							4.6	5.3	5.0
1.2	. 3								8.9	6.1	5.0
	1.2	• 2							10.3	8.9	8.0
. 7	•2	• 1							4 • B	6.9	6.0
1.5	.4	•1							5.0	8.6	8.0
1.3	.4	.3	• 2						7.4	9.0	3.0
• **		. 4							4.7	7.3	7.5
• • • • •	•••••	• • • • • •	•••••	• • • • •		•••••	•••••	•••••	• • • • • • •	• • • • • •	• • • • • • •
/////	//////	//////	//////	/////	///////	1111111	1111111	//////	23.6	/////	/////
14.2	3.2	1.4	• 2						100.0	5.5	5.0
1.7	TAL NUM	BER OF	DBSERVA	TIBUS	300						

OPERATING LOCATION MAM USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND FROM HOURLY DRSEPVATIONS

STATION NUMBE		LS	דט כד ד	C: + 5					MONTH	: APR	HOUR	MAR 78 - S: 09-11
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	• • • • •	• • • • • • •	• • • • • •		PEED IN		• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •
(NESREES)	1 - 4											TOTAL %
(N) 350-010	1.2	2.9	• 9	.7		•••••	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	6.0
020-040	1.7	3.7	1.7	. 3								5.7
050-070	2.8	5.3	1.4	. 1								9.5
(E) 080-100	2.1	2.3	1.6	. 3								6.3
110-130	1.4	2.3	.7	• 2								4.3
140-150	· 3	2.0	.7	. 4								5.4
(S) 170+190	3.0	2.9	2.3	. 4	• 1							8.8
200-220	2.4	3. ₫	4.2	1.5	• 2							12.2
230-250	1.3	2.3	2.0	1.0	. 9	.1						4,5
(W) 250-230	1.7	1.3	3.2	1.0	. 3							8.0
290+310	.9	2.2	4.2	1.9	• 2	. 1						9.5
320-340	• *>	3.4	2.9	. 4	• 4							7.0
VARIABLE	• • • • • • • • • •	• • • • •	• • • • • •	•••••		•••••	•••••		•••••	•••••	•••••	• • • • • •
CALM	///////	/////	//////	//////	///////	//////	//////	////////	///////	///////	///////	5.3
TOTALS	21.4	34.6	26.5	5.3	2.4	• 2						100.0

r - 4 - 36

1		M MOTTA TU CT T		CKENBAC	KER ANG	в Эн			ID OF RE I: APR	CORD: '	4AR 78 S: 09-1		8
1	• • • - :	10-14	15-17	WIND S 20-24	PEED IN 25-29	KNOTS 30-34	35-39	40-49	50-64	GE 65	TCTAL	MEAN WIND	MEDIAN WIND
ł	 . ;	9	7	3	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	6.0	8.9	8.0
	. 7	1.0	.3								6.7	6.3	6.5
1	!t	1.3	. 1								9.6	6.5	6.0
1	٤.	1.6	. 3								6.3	7.3	7.0
-	, ;	. 7	• 2								4.3	6.4	5.0
1	• ,	• 7	. 4								5.4	6.4	6.0
1	, ;	2.3	. 4	•1							8.8	7.3	5.0
	•	4.2	1.5	• 2							12.2	7.4	9.0
	· i	2.9	1.0	• 9	•1						8.5	10.9	10.0
		3.2	1.0	. 3							8.0	10.2	10.0
1	· i	4.2	1.9	• 2	• 1						9.6	11.2	12.0
.1		2.0	.4	• 4							7.8	9.5	٩.5
. (• • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	••••	• • • • • •	• • • • • •	• • • • • •
	///	//////	//////	//////	//////	//////	////////	///////	///////	1111111	6.3	/////	/////
	• 5	24.2	8.3	2.4	• 2						100.0	8.0	9.0
1		10	TAL NUM	∂ER UF	OBSERVA	TIONS	900						
.}	• • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIT OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO FROM HOURLY DBSERVATIONS PERIOD OF RECORD: MAR 78 + STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGS OH LST 18 UTC: + 5 MONTH: APR HOURS: 12-14 STORN HI GEERS CHIM 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL DIRECTION (DEGREES) (N) 350-010 2.0 2.8 1.2 .9 .2 .1 7.2 6.7 1.7 020-040 3.0 1.7 • 3 4.9 050-070 2.0 1.4 1.2 • l (F) 080-100 5.9 1.5 2.4 1.4 112-130 . 9 3.9 1.1 140-150 1.1 • 3 5.5 1.9 1.7 (5) 170-190 2.3 • 5 • 3 . 1 7.1 200-220 1.4 12.3 7.0 1.8 . 4 4.2 . 1 • 0 230-256 10.1 3.2 2.0 . 3 3.1 (W) 260-230 1.7 2.2 12.1 5.1 . 3 290-310 1.2 3.6 2.7 12.2 320-340 • 7 2.7 3.3 1.0 9.0 VARIABLE CALM 3.3 TOTALS 17.5 33.7 29.3 11.9 . 7 100.0

TOTAL NUMBER OF OBSERVATIONS 899

0 - 4 - 39

- 1

דט פד ד	C: + 5	CKENBACK				HTMCM	: APR		S: 12-1	4	18
• • • • • •	•••••	92 CNIW				• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •
10-14	15-19	20 - 24	25-29	30+3	4 35-39	40-49	50-64	GE 55	TOTAL %	DMIW	MEDIAN WIND
1.2	.9	. 2	.1	••••	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	7.2	3.4	8.0
1.7	.3								6.7	7.4	7.0
1.2	. 1								4.8	6.9	6.0
1.4	. 2								5.9	7.2	6.0
• •									3.9	5.9	7.0
• 0	• 1	. 4	• 1						5.8	8.5	6.5
1.9	• 5	• 3	• 1						7.1	8.3	7.0
4.2	1.8	• 4	.1						12.3	10.2	10.0
3.2	2.0	• 5	• 3						10.1	11.6	10.0
5.1	2.2	• 3							12.1	10.6	11.0
4.3	2.7	. 4							12.2	11.0	10.0
3.3	1.0	• 1							8.0	10.0	10.0
	•••••	• • • • • • •	• • • • • •	• • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
(111111	1111111	///////	//////	////	/////////	//////	//////	//////	3.8	//////	111111
39.3	11.9	2.7	. 7						100.0	9.1	9.0
TO	TAL NUM	BER OF O									
• • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS ? OPERATING LOCATION "A" USAFFTAC. ASHSVILLE NO FROM HOURLY DBSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 71 LST TO UTC: + 5 MONTH: APR HOURS: 15 WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 TOTA (DEGPTES) (N) 350-010 7. 1.) 2.7 2.4 • 6 • 2 020-040 1.4 3.5 1.6 • 3 5. 7. 050-070 1.3 . ? 1.4 4.0 (E) 090-100 • 3 1.2 1.2 • 3 3. 110-130 1.1 1.2 • 6 2. 140-150 1.9 • 9 . 1 1.5 (S) 170-190 3.4 2.1 . 2 . 5 200-220 1.? 3.7 3.3 1.0 237-259 3.9 3.2 . Q 13. (W) 260-233 4.0 2.3 . 7 . ? 290-310 4.4 3.0 2.9 ٠Ó . 1 11. 320-340 VARIABLE CAL*4

> 3.1 TUTAL NUMBER OF OBSERVATIONS

TOTALS

12.4

35.3

29.7

13.1

. 3

100.

្រាប	_					MONTH	: APR		S: 15-1		8
	•••••		PEED IN			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
1 >= 14	15-19				35-30	40-49	50-64	GE 65	TOTAL %	MEAN GNIW	MEDIAN CMIW
• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •		• • • • • •	
2.4	• 6	• 2	• 4						7.3	10.0	9.5
1.5	. 3								6.9	7.6	7.0
1.3	• ?								7.0	7.1	5.0
1.2	• 3								3.6	8.2	8.0
•6									2.9	6.3	6.5
. 3	•1								4.4	6.0	5.0
2.1	• 2	• 1							6.4	3.7	3.0
3.3	1.0	• 4					,		9.7	10.1	9.0
4.4	3.2	• 9	. 3						13.1	12.4	12.0
4.4	2.3	.7							12.3	11.1	10.0
4.4	2.9	• 5	• 1						11.9	11.6	11.0
7.7	2.0	• 2							9.1	10.5	10.0
	•••••	• • • • • •	• • • • • •	• • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
::!!!!!	///////	//////	///////	(/////	////////	1111111	//////	1111111	5.3	/////	/////
29.7	13.1	3.1	. 3						100.0	9.4	9.0
T')	TAL NUM	BER OF (DBSERVAT	IONS	900						
• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS W
FROM HOURLY DRISERVATIONS OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 HOURS: 18-LST TO UTC: + 5 MONTH: APR WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTA (DEGREES) (N) 350-010 3.0 . 9 2.1 . 1 • 3 8.9 020-040 2.7 3.9 1.1 . 2 7.9 050-070 3.1 7.4 (E) 080-100 2.1 . 7 5.1 110-130 2.1 • a • 3 3.2 140-160 1.2 1.5 • 3 (S) 170-190 1.9 • 9 1.2 • 3 . 1 2.0 200-220 2.3 3.5 . 7 . 1 9.1 230-250 3.3 2.5 2.1 . 7 . 1 9.3 (W) 250-230 3.9 1.0 . 4 . 1 11.3 290-310 3.0 3.9 • 2 10.3 320-340 3.4 2.0 용. 0 VARIABLE CALM TOTALS 24.5 33.7 21.5 5.8 100.0 TOTAL NUMBER OF OBSERVATIONS 900

C - 4 - 37

า รัว ยร	C: + 5	CKENBACKE				MONTH	: APR		5: 18-20		8
	•••••	MINO SPE				• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •
10-14	15-19	20-24 2	25-29	30-34	35-39	40-47	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN ONIW
3.0	.9	.1	.3	• • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	8.9	9.3	9.0
1.1	• 2								7.9	5.4	5.0
1.1									7.4	5.9	5.0
. 7									5.1	5.3	5.0
. 3									3.2	4.4	4.0
• 3									3.1	5.8	5.5
. 3	• 3	• 1							4.4	7.9	7.0
2.0	. 7	• 1							9.1	7.7	7.0
2.1	. 7	• 1							9.3	7.5	5.0
4.2	1.0	• 4	• 1						11.3	9.5	10.0
ن. ز	1.9	• 2							10.3	10.4	10.0
2.1	1 • 1								8.0	3.5	٥.۶
•••••	• • • • • •		• • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
	///////	////////	/////	/////	///////	//////	//////	1111111	11.8	/////	/////
21.5	5. 8	1.0	. 4						100.0	7.0	7.0
1:3	ITAL MUM	BER OF DE	SERVA	RIONS	900						

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WILL FROM HOURLY DESCRIPTIONS

STA	TION NUMBE	R: 724285	Ĺ3	T TO UT	C: + 5					HTMOM	# APR		S: 21-
	DIRECTION (DEGREES)	1-4	5≁9	10-14	15-13	HIND S 20-24	PEED IN 25-29	KNOTS 30-34				65 65	TOTAI
	350-010	2.5	3.0	1.3	.4	.3	• • • • • •	• • • • • •	• • • • • • •	•••••	•••••	• • • • • • •	7.7
	020-040	4.3	4.7	1.0									10.6
	050+070	2.4	2.3	. 3	• 1								6.1
(Ē)	080-100	1.7	2.5	. ė									5.0
	110-130	2.5	•9	• 1									3.5
	149-150	3.0	1.3	• 3									4.7
(8)	170-190	3,3	2.4	• 6		.1							5.7
	200-220	2.5	1.9	1.0	• 2		• 1						5.7
	230-250	· 1	?•*	1.1	. 2	.3	• 1						6.7
(4)	260-230	2.0	3.3	1.2	. 1		• 1						7.2
	290-310	1.3	4.0	3.0	. 1	.7							9.6
	320-340	1.2	1 • 4	1.6	.3								4.6
•••	VAPIANLE	• • • • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••		•••••	• • • • • •	•••••	• • • • •
	CALM	////////	/////	//////	///////	//////	//////	//////	///////	1111111	//////	1111111	22.1
	TATALS	30.2	31.5	13.0	1.4	1 • 4	• 3						100.0
				10	TAL NUM	BER OF	UBSERVA	FIONS	900				

C - 4 - 3°

1

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DESCRIPTIONS

r I	CKENBACKE	ER ANG	3 OH		HTMOM	: APR		мар 78 S: 21-2		8
	HIND SPE 20~24 2				40~49		65 65	TOTAL	MEAN WIND	MEDIAN WIND
••		• • • • • •		• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	7.5	5.0
,								10.6	5.5	5.0
								6.1	5.9	5.0
								5.0	6.0	6.0
								3.6	4.3	4.0
								4.7	4 • 4	3.0
	• 1							6.7	5.8	4.5
.1		.1						5.7	6.7	5.0
	• =3	.1						6.7	7.9	5.5
!		. l						7.2	7.1	6.0
:	.7							9.6	8.5	3.0
,								4.6	0.5	9.0
••	• • • • • • •	• • • • •	• • • • • •	••••	• • • • • •		• • • • • • •	• • • • • •	• • • • • •	• • • • • • •
//	////////	/////	,,,,,,	///////	//////	//////	1111111	22.1	111111	/////
,	1.4	• 3						100.0	5.2	6.0
1.4	SER OF OB	SERVAT	Tous	900						

0 - 4 - 32

7/ 5.

OPERATING LOCATION "A" PERCENTAGE PREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WI

USAFETAC. AS	HEALFTE AC					EROM H3	URLY O	BSERVATI	1048			
STATION NUMB	5R: 724285	LS	T TU UT	C: + 5					MONTH	1: APR	HOUR	S: ALL
013e0110a	1-4				MIND	SPEED IN	KNOTS					TOTAL
(DEGREES)	• • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	· • • • • • • • • • • • • • • • • • • •
(N) 350-010	2.1	3.2	1.5	.6	.2	.1	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	7.7
0?)=040	2.5	3.3	1.0	• 2								7.3
050-070	?.⁴	3.5	1.2	• 1								7.5
(NEGREES) (N) 350-010 2.1 3.2 1.5 .6 .2 .1 020-040 2.6 3.3 1.0 .2		5.3										
110-130	1.3	1.1	. 4	• 0								2.9
140-150	7.4	1.8	. 6	• 1	• 1	• 0						د. <mark>. ۱</mark>
(5) 170-140	2 . 3	2.7	1.4	• 3	. 1	• 0						7.3
200-220	2.2	3.3	2.7	1.0	• 2	.)						9.4
230-250	1.4	2.9	1.9	1.0	. 4	. 1						7.4
(A) 260-250	1.4	3.1	2.7	•è	. 3	.1						5.4
200-310	1.2	3,€	3.1	1.3	. 4	• 1						9.7
320-340	1.2	? . ij	1.7	.6	. 2							6.4
VARIABLE	• • • • • • • • •	• • • • •	• • • • • •	•••••	• • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • • •
ር ላዜ "	11111111	/////	//////	///////	//////	////////	/////	//////	//////	(/////	///////	10.0
TUTALS	23.2	33.0	19.6	5.3	1.9	• 4						100.0
			T"	TAL NUM	18Eº OF	ORSERVA	SMCIT	7199				

10 U	TC: + 5	CKENBACK			MONTH	: APR	HOUR	MAR 79 - S: All		
	15-19	WIND SP: 20-24	EED IN KM 25-29 30	NOTS 0-34 35-3	39 40-49	50-64	GE 45			
• • • • •	• • • • • • • •							۰ • • • • • • • • • • • • • • • • • • •	WIND	MIND
1.5	. ó		. 1	• • • • • • • • •		• • • • • •	• • • • • • •	7.7	8.0	7.0
1.7	• 2							7.0	6.2	6.0
1.2	. 1							7.6	6.3	6.0
1.2	. 2							5.3	6.7	5.0
• 4	•0							2.9	5.7	5.0
• 6	. 1	• 1	٠,					5.0	5.9	5.0
1.4	. 3	• 1	• 0					7.3	6.9	6.0
٠, 7	1.0	• 2	• •)					9.4	3.3	8.0
1.9	1.0	. 4	• 1					7.8	9.7	8.0
2.7	•9	• 3	. 1					8.4	9.4	9.0
. 1	1.3	• 4	• 1					9.7	10.1	10.0
1.7	.6	• 2						6.4	8.8	8.0
	• • • • • • •	• • • • • • •	• • • • • • • •	· · · · · · · · · · · · · · · · · · ·	•••••	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •
11/11	////////	////////	///////////////////////////////////////	///////////////////////////////////////	///////////////////////////////////////	//////	//////	15.7	/////	/////
19.6	5.3	1.9	• 4					100.0	6.7	7.0
Τ'	_		· · · · · -	INS 7199						

OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO.

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR J HOURS: AL LST TO UTC: + 5 MONTH: APR CATEGORY 4: CHILING OF 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GC 1/2 MILE (0800 METERS). SOVENA VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILI WIND SPEED IN KNOTS DISECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 (DEGREES) (N) 350-010 2.5 3.3 4.1 1.4 1.0 12. 020-040 • .? 2.1 1.0 . 2 ٦. 050-070 1.7 (E) 080-100 2.7 2.9 1.2 110-130 . 4 1.4 1.4 140-150 1.9 • 3 . 2 (5) 170-100 2.1 • 4 • 5 • 2 • 2 200-230 1.9 3.5 230-250 1.4 • 2 . 2 . 2 (4) 250-280 3.0 . > 10. 290-310 . 4 • R 1.4 4 . 7 3.1 1.5 320-340 2.7 5.0 1.5 CALM TOTALS 20.3 34.4 21.8 100.

TOTAL NUMBER OF OBSERVATIONS 518

ì

t to	UT	AME:	5									MONT	н:	4PR		HOU	RS:	R 78 ALL	- FEB 8	В
		S THA	¥ 1									1/2								
/2 M	ILE	440/0 (030)		ETERS	S) 8	UT	LES	S TH	IAN	3 MJ	LFS	(480	0 M	ETER	S)	WITH	CE	ILING	GE 200	FEET.
• • • •	• • •	• • • • •	• • •	WIND	SPE	ΕĐ	IN			• • • •	•••	• • • • •	•••	••••	•••	• • • •	•••	• • • • •	• • • • • • •	• • • • • • •
10-	14				_										_			TOTAL	MEAN	
																		%	WIND	WIND
4	. 1	1.4	4	1.0			6	••••	•••	••••	• • •	••••	•••	• • • •	•••	••••		12.7	10.7	10.0
1	•)	• :	2															3.5	8.5	8.0
1	. 5	•	<u>a</u>															9.9	3.0	8.0
ì	• 2																	6.8	5.2	5.0
	• 4																	3.1	3.1	6.0
		• 4	?															2.9	5.4	4.0
	. 2	• 4	2	• 2	2													3.1	5.3	4.0
3	• 5	• .	2															6.3	8.9	10.0
,	. 4	• 6	,	• 2	•		. 2											5.4	9.0	8.0
3	• າ	1.1	7	. 4	•		, 2											10.4	10.0	10.0
,	. 1	1.5	5,	. 4	•		.8											12.0	11.0	9.0
1	• 5	• ′	')	• 5	;													10.6	9.1	7.0
.	• • • •	• • • • •	•••	• • • •	•••	•••	• • • •	• • • •	•••	••••	• • •	••••	•••	••••	• • •	••••	•••	••••	•••••	•••••
////	///	/////	///	////	///	///	///	////	///	////	///	/////	///	////	///	////	/	12.9	/////	//////
21	• a	6.	3	3.0)	1.	. 3										1	00.0	7.7	8.0
	10	TAL NI	JMB	EP OF	. UB	SER	TAVS	IONS		518										

C - 4 - 40

ı

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WI FROM HOURLY OBSERVATIONS

D24EEL4C*	WANTATEE A	C				ERUM HO	OKLY U	1225AVII	11115			
STATION N	IJMRFR: 72429		TATION V		CKENSAC	KER AND	8 OH			D DE RE	CORD: 1	MAR 78 S: 00-0
•••••	• • • • • • • • • • • •	• • • • • • •	•••••	• • • • • •		PEED IN		• • • • • • •	• • • • • • •	••••••	•••••	• • • • • • •
019301 (DEGRE	(S)			15-19		25÷29		35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-0		2.9	.4	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	*****	•••••	6.5
020-0	40 5.7	1.7	.3									7.7
250-0	70 4.2	2.3	• 3									A . 8
(5) 080-1	00 1.5	• 5										2.2
110-1	30 1.3	1.1										2.4
140-1	4.1	• 6	.3									F . 1
(5) 170-19	90 8.2	3.7	• 5									12.5
200-2	20 5.5	2.9	• ৭									9.1
230-25	50 1.5	1.5	. 1									3.3
(M) 260-23	30 .5	• 9	.1									1.6
290-31	10 1.0	1.9	. 3									3.7
320-34	40 .5	2.3	1.0									3.9
VARIABL	 	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	•••••	• • • • • •	•••••	• • • • • •
CALM	1111111	//////	//////	//////	///////	1111111	//////	///////	//////	//////	///////	35.4
TOTALS	37.4	22.6	4.7									100.)
			10.	TAL NUM	BER DE	OBSERVA	LIUAS	930				

c - 4 - 41

TATION NAME: RICKENBACKER ANGB OH 31 TO UTC: + 5	MONTH	D DE REC	HOURS	: 00-02		3
WI'ND SPEED IN KNOTS	• • • • • • •	••••••	• • • • • •	•••••	•••••	• • • • • •
10-14 15-19 20-24 25-29 30-34 35-39	40-49	50-64	GE 65	TOTAL %	MEAN UNIND	MEDIAN WIND
4	• • • • • •	• • • • • • •	• • • • • •	6.5	5.0	5.0
•3				7.7	3.8	3.0
•3				6.8	4.4	4.0
				2.2	3.3	2.0
				2+4	4.0	3.5
• 7				5.1	3.4	3.0
• *5				12.5	4.2	4.0
, વ				9.1	4.5	4.0
• 1				3.3	4.9	5.0
•1				1.6	5.1	5.0
• a				3.7	6.9	5.5
1.7				3.9	7.2	7.0
	• • • • • •	• • • • • • •	•••••	•••••		•••••
	//////	///////	111111	35.4	/////	/////
4.7				100.0	3.0	4.0
TOTAL NUMBER OF OBSERVATIONS 930						

c - 4 - 41

OPERATING LOCATION MAM-USAFETAC, ASHEVILLE NO

PEPCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WERDMENDURLY DRISERVATIONS

STATION NUMBE	724285		T TO UT	C: + 5		CKER ANS	в он		HTMCM	O OF RE	HOUR	MAR 78 S: 03-(
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • •		SPEED IN	KNOTS	• • • • • • •	• • • • • •	••••	•••••	• • • • • •
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		25-29		35-39	40-49	50-54	SE 65	TOTAL %
444		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	8.4
(N) 350-010	4 • 2	3.2	1.0									0.4
020-949	4.7	1.7	• 3									5. 8
050-070	4.4	1.4	• 1									5,9
(E) 080-100	1.5	•9	• 3									2.8
110-130	1.2	.3										1.5
140-150	2.4	1.1	. 4	•1								4.0
(S) 170-195	ರ•⊀	3.7	• B		.1							13.3
200-220	3.4	3.3	.9									7.6
230-250	1.1	1.2	• 1									2.4
(W) 260-280	1.1	. 6	• 1									1.8
290-310	1.5	2.0	.5									3.5
320-340	1.3	1.1	• 4									2. a
VARIABLE	• • • • • • • • •		•••••			• • • • • • •	• • • • • •	• • • • • •	• • • • • •		•••••	• • • • • •
CALM	11/1/1/1	/////	//////	1111111	//////	///////	/////	///////	///////	///////	///////	39.1
TOTALS	35.2	20.5	4.9	• 1	. 1							100.0
			T ()	TAL NU"	BER DE	DBSERVA	TIONS	930				

c - 4 - 47

ה 10 מ. 110 מ.	TC: +	5						HTMCM	H MAY	ECORD: ! HOUR!	S: 03-0	5	18
• • • • •	• • • • •					KNOTS	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •
10-14		.9 2	0-24	25	- 29	30-34		40-49		GE 65	TOTAL %	MIND	MEDIAN OPIW
1.0	• • • • •	••••	••••	• • • •	• • • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • •	* * * * * * * * *	ö.4	5.5	4.5
• 3											6.8	4.1	3.0
• 1											5.9	3.7	4.0
.3											2.8	4.7	4.0
											1.5	3.1	2.5
• 4	•	1									4.0	5.3	4.0
• **			. 1								13.3	4.5	4.0
• 9											7.6	5.2	5.0
• 1											2.4	5.0	5.0
• 1											1.8	4.8	4.0
• ",											3.5	6.5	6.0
• 4											2.8	5.6	5.0
• • • • •	• • • • •	• • • •	• • • • •	• • • •	••••	••••	• • • • • •	• • • • • • •		• • • • • • •	• • • • • •	• • • • • •	• • • • • • •
/////	/////	////	////	////	////	/////	(//////	///////	//////	///////	39.1	/////	/////
4.9	•	1	. 1								100.0	2.9	4.0
						TONS							
• • • • •	• • • • •	• • • •	• • • • •				• • • • • •			• • • • • • • •			• • • • • •

C - 4 - 48

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WI

		. =							2505			
STATION NUMBE	R: 724285	LS	it to ut	C: + 5		CKER ANG			MONTH	D OF RE	HOUR	MAR 78 S: 06-0
DIPECTION (DEGREES)	1-4				GRIW	SPEED IN 25-29	KNOTS				GE 65	10TA1
(N) 350-010	3,9	3.3	1.5	.2	• • • • • •	• • • • • • •	• • • • • •	*****	* * * * * * *	• • • • • •	• • • • • • •	9.4
020-040	4.4	2.2	. 8									7.3
250-270	4.9	2.3	. 2	• 1								7.5
(E) 080-100	1.7	1.1	• 3									3.3
110-130	1.2	• 3										1.9
140-160	1.9	1.1	• 5									3.7
(S) 170-190	5.5	5.1	1.1									11.6
200-220	4.3	5.9	1.2	• 2								12.2
230-250	1.7	1.2	1.1									4.0
(W) 260-280	1.1	•5										1.5
290-310	1.4	1.9	٠,	• 2								4.4
320-340	1 • 1	1.3	• 6									3.0
VARIABLE	••••••	• • • • •		• • • • •	•••••	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •
CALM	111111111	/////	1111111	//////	//////	///////	//////	//////	//////	//////	///////	30.1
TOTALS	33.8	27.2	8.3	. 7								100.0
			TO	TAL NU	18ER OF	OBSERVA	ZNCIT	930				

							PERIOD OF RECORD: MAR 78 * FEB 88 MONTH: MAY HOURS: 06-08							
		WIND S	PEED IN	KNOTS				GE 65			MEDIAN WIND			
1.5	.2	• • • • • •	• • • • • • •		•••••	• • • • • •	•••••	• • • • • • •	9.4	5.9	5.0			
• 9									7.3	4.7	4.0			
• 2	• 1								7.5	4.3	4.0			
•3									3.3	5.0	4.0			
									1.9	4.2	3.0			
• 5									3.7	5.4	4.0			
1.1									11.6	5.3	5.0			
1.2	• 2								12.2	5.9	5.0			
1.1									4.0	5.4	5.0			
									1.6	3.9	4.0			
. 7	• 2								4.4	5.5	7.0			
• 5									3.0	6.3	7.0			
•••••	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	• • • • • •	• • • • • •		• • • • • •	. 	•••••			
	//////	//////	1111111	//////	///////	//////	//////	///////	30.1	/////	111111			
8.3	. 7								100.0	3.8	5.0			
ra	TAL NUM	BER OF	OBSERVA	TIONS	930									

C - 4 - 43

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION V OPERATING LOCATION "A" USAFFTAC, ASHIVILLE NO FROM HOURLY DESERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: LST TO UTC: + 5 YAM :HTMCM UGH WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 DIRECTION (DEGREES) (N) 350-010 3.3 2.5 . 2 2.3 020-040 2.2 2.7 1.3 050-070 4.? 2.7 1.0 . 1 (E) 080-100 2.3 1.5 . 4 . 1 110-130 2.5 1.2 140-150 2.0 1.8 • 6 (S) 170-190 6.3 2.9 4.1 . 2 7.3 200-220 3.2 3.2 . 2 230-250 2.0 3.2 3.4 . 9 . 2 (A) 260-290 2.2 2.2 1.1 290-310 .9 • 3 3.1 320-340 2.3 VARIABLE CAL" TOTALS 18.6

TOTAL NUMBER OF OBSERVATIONS

C = 4 = 44

937

		AME: RI C: + 5	CKENBAC	KER ANG	8 04			D DE RE		MAR 78 - S: 09-11	-	8
1	14	15-19	WIND S	PEED IN 25-29		35~39	40-49	50-64	GE 65	TOTAL	MEAN CNIW	MEDIAN WIND
. 2.	• • • • 5	.2	•••••	• • • • • •	• • • • • •	• • • • • • •		* * * * * * * *	•••••	8.3	7.5	8.0
1.	. 3									6.1	5.5	6.0
1.	• 1	• 1								8.0	5.4	4.0
	• 4									4.8	5.1	4.0
	. 1									3.9	4.3	4.0
	٠,									4.4	5.2	5.0
ر ا	٠,	• 2	•1							13.7	6.7	5.0
٦,		• 2								14.0	7.2	7.0
١,	, 4	•	• 2							10.5	A . 2	8.9
1.	· i									5.4	5.3	6.0
	, 13									4.7	7.9	7.0
1.		.2								7.0	6.2	6.0
			• • • • • •	• • • • • •	• • • • • •	• • • • • •			• • • • • •	• • • • • •	• • • • • •	• • • • • • •
:17	///	//////	//////	//////	//////	//////	//////	//////	///////	9.2	/////	//////
14.	, / ₁	1.7	.3							100.0	6.0	6.0
	1')	TAL NUM	BER OF	OBSFRVA	TIONS	930			• • • • • •			

- 4 - 44

OPERATING LOCATION MAM USAFETAG. ASHEVILLE NO PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY OBSERVATIONS STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR STATION NUMBER: 724285 MONTH: MAY LST TO UTC: + 5 HJURS: 1 WIND SPEED IN KNOTS 10-14 15-19 20-24 25-29 39-34 35-39 40-49 50-64 GE 55 TC DIRECTION (DEGREES) 1.0 (N) 350-010 2.2 2.3 7 2.9 2.4 020-040 2.4 . 1 050-070 2.0 1.3 (E) 080-100 • 2 110-130 1.2 1.3 • 1 140-150 1.0 •6 1.3 (5) 170-190 3.0 . 2 3.4 15 200-220 2.4 6.3 . 3 • I 12 5.1 230-250 1.0 વ, વ 1.3 • 2 7 (H) 250-290 3.3 1.9 • 5 . 1 4.5 . 2 1.9 290-310 1.6 323-349 1. ... 2.0 2.5 . 1 VARIABLE CALM 100. 36.9 25.3 . 7 TUTAL NUMBER OF OBSERVATIONS 930

C - 4 - 45

 $I^{\prime\prime}$

	ភព ទក្	ENTAGE	FREQUENC			CE SURF		D DIREC	TION VE	RSUS WIN	D SPEF	o
1)	•	IAME: R1	ICKENSACE	CER ANG	в Он			O OF RE		MAR 78 - S: 12-14		3
,	1-14	15-19	WIND SI 20-24	PEED IN 25-29	KNOTS 30-34	35-39	40-49	50 ~ 64	GE 55	TOTAL	MEAN WIND	MAIGEM GMIK
9	2.3	1.0	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	7.0	8.6	9.0
	2.4	.1								7.7	7.2	9.0
	1.2									5.1	5.1	5.0
	.4	• 2								6.1	5.7	5.0
	.1									2.6	5.0	5.0
-										4.4	5.3	6.0
- {		• 2								9.0	7.6	7.0
	· 2	1.2	. 3	. 1						15.5	9.1	3.5
	. 1	1.3	• 2							12.4	9.5	10.0
	1.9	•5	. 1							7.4	3.4	3.0
,	I • ',	• ?								8.3	7.2	7.0
	•		. 1							7.3	7.7	֥0
* • ;				• • • • • •	• • • • •	• • • • • •			• • • • • •		• • • • • •	
	11111	17////	///////	//////	//////	///////	///////	[[]]]]	///////	7.2	/////	111111
1	15.4	4.7	. 7	.1						100.0	7.3	8.0
	T.	TAL NU	MBER OF I	OBSERVA	TIONS	930						
Ì	·····	······································		•1						7.3	7.7	····

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

C

PERCENTAGE FREQUENCY OF OCCUPRENCE SURFACE WIND DIRECTION VERSUS WIND FROM HOURLY OBSERVATIONS

STA	TION NUMBE	R: 724285		M MOITA TU GT T		CKENBÂC	KER ANG	в пн			D DE RE	HOUR	MAP 78 - S: 15-17
	DIRECTION (DEGREES)	1-4	5-0			WIND S	SPEED IN 25-29	KNOTS	35-39	40-49		0° 65	TOTAL 4
(N)	350-010	1.7	3.3	3.0	5	• • • • • •	• • • • • • •	• • • • • •	* * * * * * *	•••••	•••••	• • • • • • •	8,6
	020-040	1.7	3.4	1.7	•3								7.4
	252-070	2.2	3.2	. 3	. 1								6.2
(E)	040-100	2.0	2 • 2	•6									4.8
	110-130	1.3	1.3										3.1
	140-150	٠. ?	1.6	• 5									4.3
(S)	170-190	1.9	4.4	2.2									8.5
	230-220	3.4	5.2	4.4	1.2	. 2							14.4
	239-250	1.1	2.7	4.6	1.0			.1					9.5
(n)	250 - 250	1.4	4.4	2.9	1.4	• 1							10.2
	290=310	1.5	3.7	2 • 8	1.0								9.1
	320=340	1.7	ž•à	2.4	• 3								7.3
•••	VARIAĐEC	• • • • • • • • •	• • • • •	•••••		• • • • • •	• • • • • • •	•••••	• • • • • •	•••••	• • • • • •		• • • • • • •
	CAF .	11/1/1/1	/////	//////	///////	//////	////////	//////	///////	//////	//////	////////	6.5
	TOTALS	22.5	33.5	26.0	5.3	• 3		. 1					100.0
				τ.)	TAL NUM	BER DE	OBSERVA	TIONS	930				

C - 4 - 4

RESERVATIONS OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

	AME: RI	CKENBÄCKER			MONTH	: MAY	CORD: HOUR	S: 15-1	7	
4	15-19	WIND SPEES	O IN KNOTS -23 30-34					TOTAL	MEAN	MEDIAN
• • •		• • • • • • • • •	• • • • • • • • • •					% • • • • • • •	WIND	WIND
}	. 5							8.6	9.0	8.0
7	• 3							7.4	7.0	6.0
	•1							5.2	5.1	5.0
ı								4.8	5.9	6.0
								3.1	4.3	4.0
								4.3	5.5	5.0
								8.5	6.9	7.0
	1.2	• 2						14.4	8.3	8.0
•	1.0		•1					9.5	10.1	10.0
4	1.4	• 1						10.2	9.2	8.0
	1.0							9.1	8.5	8.0
••	• 3							7.3	7.4	6.5
• •		• • • • • • • • • •	• • • • • • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
11	//////	///////////////////////////////////////	,,,,,,,,,,,,	//////	///////	//////	1111111	6.5	111111	111111
	5.3	• 3	• 1					100.0	7.3	7.0
F)1	TAL NUM		FRVATIONS							

C - 4 - 44

DPERATING LOCATION "A" USAFETAC, ACHIVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND FROM HOURLY OBSERVATIONS

	LS	דט נד ד	C: + 5					HTHOM	: MAY	HOUR	S: 18-2	ے دی
				WIND SP	FED IN	KNOTS					TOTAL	. 4
				• • • • • • •	• • • • • •		• • • • • • •	• • • • • • •	• • • • • •			*
3.7	3.3	1.5	• 1								3.5	
4.1	2.0	• 2									6.3	
2.5	1.7	.1									4.4	
3.5	1.5										5.1	
2.4	2 • 2	• 3	. 1								4.3	
5.1	3.1	1.4									9.6	
3.8	5 • 2	1.9	. 4								11.2	
2.2	2.3	1.6	. 2								5.9	
2.2	4 • 1	1.5	• 1	. 1							მ.0	,
1.7	2.5	1.5	. 4								5.2	
?.?	2.4	I • 6									5.1	
• • • • • • •	••••		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••
1111111	11111	//////	//////	////////	//////	//////	//////	//////	//////	//////	11.5	//
				• 1								
	1-4 2.7 3.7 4.1 2.5 3.5 2.4 5.1 3.8 2.2 1.7 2.2	1-4 5-9 2.7 6.5 3.7 3.3 4.1 2.0 2.5 1.7 3.5 1.5 2.4 2.2 5.1 3.1 3.8 5.2 2.2 2.8 2.2 4.1 1.7 2.5 2.4	LST TO UT 1-4 5-9 10-14 2.7 6.5 2.0 3.7 3.3 1.5 4.1 2.0 .2 2.5 1.7 .1 3.5 1.5 2.4 2.2 .3 5.1 3.1 1.4 3.8 5.2 1.8 2.2 2.3 1.6 2.2 4.1 1.5 1.7 2.5 1.6 2.2 2.4 1.6	1-4 5-9 10-14 15-19 2.7 6.5 2.0 3.7 3.3 1.5 .1 4.1 2.0 .2 2.5 1.7 .1 3.5 1.5 2.4 2.2 .3 .1 5.1 3.1 1.4 3.8 5.2 1.8 .4 2.7 2.8 1.6 .2 2.2 4.1 1.5 .1 1.7 2.5 1.6 .4 2.2 2.4 1.6	LST TO UTC: + 5 WIND SP 1-4 5-9 10-14 15-19 20-24 2.7 6.5 2.0 3.7 3.3 1.5 .1 4.1 2.0 .2 2.5 1.7 .1 3.5 1.5 2.4 2.2 .3 .1 5.1 3.1 1.4 3.3 5.2 1.8 .4 2.7 2.3 1.6 .2 2.2 4.1 1.5 .1 .1 1.7 2.5 1.6 .4 2.2 2.4 1.6	LST TO UTC: + 5 WIND SPEED IN 1-4 5-9 10-14 15-19 20-24 25-29 2.7 6.5 2.0 3.7 3.3 1.5 .1 4.1 2.0 .2 2.5 1.7 .1 3.5 1.5 2.4 2.2 .3 .1 5.1 3.1 1.4 3.8 5.2 1.8 .4 2.7 2.8 1.6 .2 2.2 4.1 1.5 .1 .1 1.7 2.5 1.6 .4 2.7 2.4 1.6	LST TO UTC: + 5 1-4 5-9 10-14 15-19 20-24 25-29 30-34 2.7 6.5 2.0 3.7 3.3 1.5 .1 4.1 2.0 .2 2.5 1.7 .1 3.5 1.5 2.4 2.2 .3 .1 5.1 3.1 1.4 3.8 5.2 1.8 .4 2.7 2.3 1.6 .2 2.2 4.1 1.5 .1 .1 1.7 2.5 1.6 .4 7.7 2.4 1.6	LST TO UTC: + 5 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 2.7 6.5 2.0 3.7 3.3 1.5 .1 4.1 2.0 .2 2.5 1.7 .1 3.5 1.5 2.4 2.2 .3 .1 5.1 3.1 1.4 3.8 5.2 1.8 .4 2.7 2.8 1.6 .2 2.2 4.1 1.5 .1 .1 1.7 2.5 1.5 .4 2.2 2.4 1.6	LST TO UTC: + 5	LST TO UTC: + 5 WIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 2.7 6.5 2.0 3.7 3.3 1.5 .1 4.1 2.0 .2 2.5 1.7 .1 3.5 1.5 2.4 2.2 .3 .1 5.1 3.1 1.4 3.8 5.2 1.8 .4 2.7 2.8 1.6 .2 2.2 4.1 1.5 .1 .1 1.7 2.5 1.6 .4 7.2 2.4 1.6	LST TO OTC: + 5	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL 2.7 6.5 2.0 3.7 3.3 1.5 .1 3.6 4.1 2.0 .2 2.5 1.7 .1 3.6 2.4 2.2 .3 .1 5.1 3.1 1.4 3.8 5.2 1.8 .4 2.7 2.8 1.6 .2 2.7 2.8 1.6 .2 2.7 2.7 2.8 1.6 .2 3.8 5.2 2.4 1.6 3.9 5.2 3.9 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0

TOTAL NUMBER OF DESERVATIONS 930

C - 4 - 47

NAME:		ENBACK	(ER ANG	B 0H			D OF RE	ECORD: HOUR	MAR 78 - S: 18-20		8
• • • • •	 لد	TND SE	PEED IN	2 TCNX	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •
15-1					35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
• • • • •	• • • • •	••••	• • • • • •	• • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	11.2	6.6	6.0
•	1								9.5	5.1	5.5
									6.3	4.3	4.0
									4.4	4.1	3.0
									5.1	3.7	4.0
•	. 1								4.9	5.2	5.0
									9.6	5.3	4.0
•	4								11.2	6.5	6.0
•	. 2								5.9	7.1	7.0
•	.1	• 1							0.8	6.9	5.0
•	, 4								5.2	7.5	7.0
									6.1	6.5	5.0
• • • • •	• • • •	• • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •		•••••	• • • • • •	• • • • • •	• • • • • •
/////	////	/////	,,,,,,	//////	//////	///////	//////	1111111	11.5	/////	/////
1.	.3	• 1							100.0	5.3	5.0
TAL 1	iu48E	R OF C	BSERVA	TIONS	930						

C - 4 - 47

OPERATING LUCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WI USAFFTAC. ASHEVILLE NO FROM HOURLY DBSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF PECORD: MAR 78 HOURS: 21-2 LST TO UTC: + 5 MONTH: MAY WIND SPEED IN KNOTS 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL 019501109 (DEGREES) (N) 350-010 1.0 3.4 020-040 4.5 3.1 .8 050-070 . 2 6. . 2 1.7 7.1 (E) 030-100 3.1 • 5 3. 3 110-130 . 2 2.9 140-150 5.2 1.2 . 5 4.0 (5) 170-190 7.7 3.3 11.7 200-210 7.7 7.5 • 3 7.1 239-250 2.7 1.3 4.1 (W) 260-250 2.7 1.7 • 1 . 1 290-310 1.4 1.2 1.1 3.7

VARIABLI

320-340

TOTALS 42.7 21.7 6.2 .5 .1 130.0

TOTAL NUMBER OF OBSERVATIONS 930

. 1

1.3

1.4

3.7

T) (1	TC: +		CKER ANG	з Он		MONTH	: MAY		S: 21-2		18
• • • • •	• • • • • •	MIND	SPEED IN	KNOTS	• • • • • • •	• • • • • •	• • • • • •	*****	• • • • • • •	• • • • • •	•••••
: 3-14	15-1	9 20-24	25=29	30-34	35-30	40-49	50-64	GE 65	TOTAL "	ME AN WIND	MAIDEM CMIW
1.0	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	7.2	5.2	5.0
											7.0
• "									8.4	5 • I	4.0
• 2									7.1	4.0	4.0
									3.8	3.4	3.0
									2.9	3.9	4.0
• 5									6.9	4.2	3.5
• 7									11.7	4.3	4.0
• **	•	3	• 1						7.1	5.6	4.0
• .`									4.2	4.7	4.0
• 1	•	1							4.6	4.9	4.0
1.1									3.7	6.4	6.5
	•	1							3.7	7.5	7.5
• • • • •	· • • • •	• • • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
(1:11)	(1111	////////	/////////	//////	///////	//////	//////	//////	28.8	/////	/////
5.2	•	5	.1						100.0	3.4	4.0
T 1	TAL N	UMBER OF	OBSERVAT	IONS	930						
• • • • •	• • • • •	• • • • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • •	• • • • • • •

c - 4 - 40

OPERATING LOCATION MANUSAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND 5 FROM HOURLY DRISERVATIONS

TATEL AT					1 15 18 1	.,,,,,,,		. 5				
	LS	it to ut	C: + 5					MONT	YAP :	HOUR	S: ALL	
				WIND S	SPEED I	N KNOTS						
-										6E 55	1711 AL	
			, , , , , , , , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							**	M I
2.3	3.5	1.7	. 2	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••		• • • • • • •	ŝ.3	6
7.7	3.6	1.1	• 1								7.5	c,
3.9	?•2	• 4	• 0								6.5	4
2.3	1 • 4	• 3	• 0								4.3	4
1.0	1.0	• ^									2.3	4
2.7	1.4	. 5	•0								4.7	ĸ
ວັ • ວັ	4.1	1.6	• 1	٠٥							11.2	5
3.3	4.9	2.2	. 4	• 1	• C						11.4	٠,
1.9	2 • 2	2.0	• 4	•1		• 7					5.5	÷
1.5	2 • 2	1.0	• 3	.0							5.1	7
1.3	2.5	1.3	.2								5.5	7
1.7	2 • 1	1 • 4	• 1	• ?							5.1	Α,
	• • • • •	• • • • • •	• • • • • •		•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	••••
11/1/1/1/	11/1/	111111	////////	///////	//////	//////	//////	///////	//////	///////	21.0	///
32.9	30.1	13.6	1.8	• 2							100.0	4
		71	TAL NUM	36° 06	กรรยหพ	ATIONS	7440					
	2: 724285 1-4 2:3 2:7 3:9 2:3 1:0 2:7 5:6 3:3 1:0 1:3 1:7	2: 724285 ST LS 1-4 5-9 2:3 3.5 2:7 2:6 3:9 2:2 2:3 1.4 1:9 1:0 2:7 1.4 5:5 4:1 3:3 4:9 1:9 2:2 1:3 2:9 1:7 2:1	2: 724285 STATION : LST TO UI 1-4 5-9 19-14 2:3 3.5 1.7 2:7 2:6 1.1 3:9 2:2 .5 2:3 1.4 .3 1:9 1:0 .0 2:7 1.4 .5 5:5 4:1 1.6 3:3 4:9 2:2 1:9 2:2 2:0 1:9 2:2 1.0 1:3 2:5 1.3 1:7 2:1 1.4	#: 724285 STATION NAME: RILST TO UTC: + 5 1-4	#: 724285 STATION NAME: RICKENBAC LST TO UTC: + 5 #IND S 1-4 5-9 19-14 15-19 20-24 2.3 3.5 1.7 .2 2.7 2.6 1.1 .1 3.9 2.2 .5 .0 2.3 1.4 .3 .0 1.9 1.0 .9 2.7 1.4 .5 .9 5.5 4.1 1.6 .1 .0 3.3 4.9 2.2 .4 .1 1.9 2.2 2.9 .4 .1 1.9 2.2 2.9 .4 .1 1.9 2.2 2.9 .4 .1 1.9 2.2 1.0 .3 .9 1.7 2.1 1.4 .1 .9 ///////////////////////////////////	#: 724285 STATION NAME: RICKENBACKER AN LST TO UTC: + 5 #IND SPEED I 1-4 5-9 10-14 15-19 20-24 25-29 2.3 3.5 1.7 .2	#: 7242#5 STATION NAME: RICKENBACKER ANGE OH LST TO UTC: + 5 1-4 5-0 10-14 15-19 80-24 25-29 30-34 2.3 3.5 1.7 .2 2.7 2.6 1.1 .1 3.9 2.2 .5 .0 2.3 1.4 .3 .0 1.0 1.0 .0 2.7 1.4 .5 .0 3.3 4.9 2.2 .4 .1 .0 1.9 2.2 2.0 .4 .1 .0 1.9 2.2 2.0 .4 .1 .0 1.0 2.2 1.0 .3 .0 1.3 2.0 1.3 .2 1.7 2.1 1.4 .1 .9	P: 724285	P: 724285	P: 724285	### PERIOD OF WECORD: 1-4	### 214245 STATION NAME: RICKENBACKER ANGE OH LST TO UTC: + 5

0 - 4 - 43

1	urc:	+	5	KENBA	ICKER	ANG	з Он		MONTH	: MAY	CORD: M HOURS	: ALL	FEB 8	8
	4 1			WIND			KN9TS 30-34				GE 65	TOTAL	MEAN	MEDIAN
	••••	• • •	•••	• • • • •	• • • •	• • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	*	WIND	DNIW
i.	7	•••	2	• • • • •	• • • •	••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •		8.3	6.6	5.0
1.	1	•	1									7.5	5.5	5.0
	4	•	0									6.5	4.7	4.0
	3		0									4.0	4.8	4.0
	7											2.7	4.1	4.0
	۲,	•	9									4.7	5.0	4.0
1.		•	1	• ()							11.2	5.5	5.0
١.	Ž.	•	4	• 1	L	• ()						11.4	6.9	5.0
	1		4	• 1	l		• 0					6.5	8.0	8.0
ì.	, t	•	3	• 0)							5.1	7.1	5.0
٠.	1	•	?									5.5	7.3	7.0
٠.	••	•	1	• ′)							5.1	6.9	7.0
	• • • •	• • •	•••	• • • • •	• • • • •	• • • •	• • • • • •	• • • • • •				•••••		
//	////	///	///	/////	////	////	//////	1111111	//////	///////	1111111	21.0	/////	/////
		1.	ઘ	• 3	<u>,</u>							100.0	4.9	5.0
	1 '72	l	ŋм <u>3</u>	3E9 DF	: 038	ERVA1	LIGAS	7440						• • • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SF OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FFF LST TO UTC: + 5 MONTH: MAY HOURS: ALL CATEORRY A: CEILING OF 200 BUT LESS THAN 1500 FEET WITH VISIBILITY OF 1/2 MILE (OROO METERS). AND/OR VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 2 WIND SPEED IN KNOTS DIRECTION 5-3 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 06 55 TOTAL ME. (DEGREES) WI. (N) 350-010 3.3 5.2 1.5 15.2 8. 020-040 1.5 1.7 4.4 1.1 . 1 5. 050-070 3.5 2.5 . 4 6.5 5. (E) 050-100 1.5 .9 5.1 2.5 . 1 5. 110-130 1.7 1.3 ٦.1 4, 140-150 2.3 1.2 5.2 (5) 170-190 3.7 3.1 2.4 • 1 9.3 5. 200-220 3.9 3.7 1.2 7.7 230-250 • 9 1.5 1.3 • 3 4.0 (n) 200-233 . 1 .) 1.3 . 1 .1 2.7 6. 399-310 5.7 2.0 9.7 7. . 1 320-340 2.9 Э. VAFIABLE CAL

TOTAL NUMBER OF DESERVATIONS 761

TOTALS

25.5 31.4 19.0

2.4

5 - 4 - 57

1

100.0

TTION NAME: RICKENBACKER ANGBOTH PERIOD OF RECORD: MAR 78 - FEB 89 T TJ UTC: + 5 MONTH: MAY HOURS: ALL IT LESS THAN 1500 FEET WITH VISIBILITY SE 1/2 MILE (0800 METERS). AND/OR 72 MILE (0990 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET. WIND SPEED IN KNOTS 1)-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 0F 65 TOTAL MEAN MEDIAM CPIN GMIW 15.2 9.0 1.5 8.4 4.4 5.7 8.0 1.1 . 1 6.5 5.0 4.0 5.1 4.5 . 1 5.7 3.1 4.0 4.0 5.2 5.8 4.0 . 1 9.3 5.5 5.0 J. 4 7.3 5.9 6.0 0.3 • 3 4.0 5.5 2.7 6.3 5.0 . 1 . 1 . 1 9.7 7.3 8.0 . 1 • 1 ٩.1 8.7 **∌.** ⊃ 100.0 19.0 2.4 5.0 TOTAL NUMBER OF DRISERVATIONS 751

5 - 4 - 57

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIT OPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO FROM HOURLY DRSEPVATIONS PERIOD OF RECORD: MAR 78 . STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH MONTH: JUN HOURS: 00-0. LST TO UTC: + 5 WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 6F 65 TOTAL (DESPEES) (N) 350-010 1.0 5.4 5.3 020-040 5.2 1.6 • l 250-070 6.5 4.0 1.0 (E) 380-100 2.2 1.5 . 7 110-130 1.7 . 1 1.8 147-140 3.0 . 4 4.3 15.0 (S) 170-130 13.2 3.3 10.3 200-220 5.3 4.1 . l 237-257 . 7 1.7 . 3 2.

VARIABLE

290-310

322-340

(N) 260-250

1.)

2.0

1.0

1.3

. 7

1.1

TOTALS 42.6 17.0 3.7 .1 120.0

TUTAL NUMBER OF OBSERVATIONS 900

• 2

. 4

. 7

0 + 4 + 61

2.5

3.1

4.)

į

TION NAME: RICKENBACKER ANGBOTH TO UTC: + 5	PERIOD OF RECORD): MAR 78 - IDURS: 00-02		8
WIND SPEED IN KNOTS 1-14 15-19 20-24 25-29 30-34 35-39	40-49 50-64 GF	55 TOTAL	MEAN WIND	MEDIAN ONIW
1.0		5.4	5.8	6.0
•1		6.3	3.6	3.0
		5.0	3.4	3.0
		2.2	3.9	4.0
		1.8	2.9	3.0
		4.3	3.1	3.0
• i		16.8	3.7	3.0
1		10.8	4.9	4.0
• *		2.2	5 • €	7.0
•.:		2.6	5.7	5.0
• t.		3.1	5.1	4.0
• 7		2.0	5.0	5.0
	• • • • • • • • • • • • • • • • • • • •		• • • • • •	• • • • • •
		//// 35.4	/////	111111
· . 7 . 1		100.0	2.8	4.0
TOTAL NUMBER OF OBSERVATIONS 900				

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS

1154	LEETAC. ASH	ADVILLE NO				FRO			SEPVATI				
STA	JEMUN NOITI	R: 724285	LS	T TO UT	C: + 5	CKENBACKER				HONTH	: JUN	-	२ऽ: (
•••	ntrection (negrees)	1-4	5-9		15-19	WIND SPEE 20-24 25	D IN K 5-29 3	NOTS 30-34	35-39		-		Tr
	350-010	2.4	1.9	.1	• • • • • •	••••••	•••••	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	4
	020-040	4.3	1.3										ě.
	050-070	3.4	• 9										4
(E)	030-100	1.2	• 2										1
	110-130	. 3	. ì										
	140-160	"•.	• 3	• l									2
(5)	170-190	12.2	3.3	• 1	.1								15
	200-220	5.1	2.7	1.1									a
	230-250	₹3	1.1	?	. 1								
(~)	260-2%	1.1	1.7										2
	290-310	1.3	1.3	• 2	.1								3
	300-340	1.4	1.0	• 4									2
•••	VARIABLE	•••••	• • • • •	•••••	•••••		• • • • • •	• • • • •	• • • • • •	•••••	••••	• • • • • •	••••
	CIL.	////////	/////	///////	//////	///////////////////////////////////////	111111	11111	1111111	////////	111111	///////	/ 43
	TOTALS	33.1	15.3	2.2	. 3								100
				10	TAL HUM	BER OF OBS	ERVATI	UNS	900				

٠,	ោធមា	C: + 5	CKENBAC	KER ANG	3 JH		MONTH	: Jun	CORD: 1	MAR 78 · S: 03-09		3
	10-14			SPEED IN 25-29		35-39	40-49		GE 65	TOTAL	MEAN WIND	MEDIAN GNIK
}•·	•1	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	4.4	4.7	4.0
										6.1	3.5	3.0
										4.7	3.5	3.0
Ī										1 • 4	2.9	2.0
!										• 9	3.0	2.5
1	• 1									2.7	3.1	2.0
1	• 1	•1								15.8	3.6	3.0
	1.1									3.9	5.0	4.0
!	• .?	• 1								2.3	5.3	5.0
ł										2.8	5.1	5.0
ì	• 2	•1								3.4	5.3	4.0
	• 4									2.9	5.4	4.5
• , ,			• • • • • •	• • • • • •			• • • • • •	• • • • • • •		• • • • • •	• • • • • •	•••••
Ž,	(11/1/)	///////	//////	////////	//////	1111111	///////	1111111	///////	43.2	/////	/////
!	2.2	• 3								100.0		4.0
	10	TAL NUM	5E로 ()투	UBSERVA	RIUNS	900				• • • • • • •	• • • • • •	

5 - 4 - 53

GPERATING LOCATION MAN USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WERE FROM HOURLY OBSERVATIONS

O JAI L	HACT ASSET	1000					. 17.3	CKE! GO	JC 1. V A 1 4	(3.45			
STATI	ION NUMBER:		LS	דט מד ד	C: + 5					HTMCM	10 OF 95	HOUR	MAR 74 5: 05-1
	(RECTION DEGREES)	1-4					PEED IN	KNOTS				ĞĒ 55	73TAL 6
(N) 3	350-010	2.5	1.9	.9	• • • • • •		• • • • • •			•••••	•••••	•••••	5.3
o	120-040	3.0	1.0	. 4									4.4
C	050-070	5.1	2.4	• 1									7.7
(E) (001-08	1.4	1.2										2.7
1	10-130	1.7	.5										2.4
1	40-150	2.5	. 3										3.3
(5) 1	70-190	e • 3	5.4	. 7									14.9
2	200-220	6.0	7.2	1.0									14.2
Ĉ.	:30 - 250	2.0	2.4	1.0									5.4
(H) 2	%0 - 240	1.3	1.3	• 4									3.1
2	90-310	1.2	1.0	•2									2.4
3	320-340	1.4	1.4	• 9	.1								3.9
V A	RIABLE	• • • • • •	• • • • •	•••••	• • • • • •	•••••	•••••	• • • • • •	•••••	• • • • • •	•••••	•••••	• • • • • •
C	IALM /	//////	/////	//////	//////	///////	//////	//////	///////	///////	//////	///////	30.1
₹~	STALS	37.3	26.6	5.5	• 1								100.0
				T 3	TAL NUM	HER OF	OBSERVA	TIONS	900				

0 - 4 - 53

1. 5	ក ហែបា	C: + 5	CKENBACKER ANG	в он		HTACK	: JUN	HOUR	MAR 78 - S: 05-08	3	a
• • ;			WIND SPEED IN 20-24 25-29						TOTAL %	MEAN WIND	VAICEM CNIK
;	.9	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	5.3	5.3	5.0
	. 4								4.4	4.3	3.7
	• 1								7.7	3.3	4.0
-									2.7	4.4	4.0
									2.4	3.6	3.5
									3.3	3.3	3.0
•	. 7								14.9	4.6	4.0
Ì	1.0								14.2	5.4	5.0
	1.0								5.4	6.0	5.0
	. 4								3.1	5.3	5.0
	• 2								2.4	5.5	4.5
	• 7	. 1							3.9	6.4	6.0
ŀ	• • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •		• • • • • •	• • • • • • •		• • • • • • •		• • • • • •
/	///////	//////	///////////////////////////////////////	////////	//////	111111	//////	//////	30.1	/////	/////
ı	5.5	.1							100.0	3.4	4.0
	T)	TAL NUM	BER OF OBSERVA	TIONS	900						
ŀ	• • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •

OPERATING LOCATION "A" USAFFTAC. ASHOVILLE NO

PERCENTAGE FREQUENCY OF LOCURRENCE SURFACE WIND DIRECTION VERSUS (FROM HOURLY DRSHRVATIONS

OSAFTIALE 4.	3" Y 1 GG					75 TO)	73557411	, , ,			
STATION NUMP	RER: 724285	LS	ST TU UT	rc: + 5	ICKENSAC				HTMCM	OD OF RE	HOUR	MAP 7:
01880710:	•				WIND S 20-24	SPEED IN	4 KNOTS		40-47			វ ារ វ
(N) 350-010	2.3	1.9	1.0		•••••	• • • • • • •	• • • • • •	, 	• • • • • •	• • • • • • •		5.1
020-040	2.4	2.2	•3									5.
050+070	??	3.0	• 1									5 •
(E) 080-100	1.3	1.7										3.4
110-130	1.7	1.2										3.
140-150	2.6	1.9	• ?									4.
(S) 170-190	4.7	e . 1	1.9									11.
200-220	3.9	11.1	3.4	• 1								1.
230-250	2.4	5.7	3.5									11.
(w) 260-240	2.4	3.4	1.4	• 3	.1							7.'
290-310	1.7	3.0	1.7	• 1								6.1
320-340	9.4	3.3	1 • 7	• 2								7.
VARIABLE	,	• • • • •	•••••	•••••		•••••	•••••	, • • • • • • • •	1 • • • • • • •		,	••••
CALM	11/1/11/1	/////	11/1///	1111111	'//////	//////	//////	(//////	'//////	1//////	///////	۹.
TOTALS	30.9	43.5	15.5	• 9	• 1							100.0
			T 0	TAL NUM	43ER OF	OBSERVA	TIONS	900				

c = 4 = 54

ſ

r tu ut	TION NAME: RICKENBACKER ANGB OH To otc: + 5						PERIOD OF RECORD: MAP 78 - FEB 88 MONTH: JUN HOURS: 09~11						
		WIND S	PEED IN					GE 65		MEAN COIL	MEDIAN WIND		
											• • • • • • •		
1.0	• 2								5.4	6.2	6.0		
•3									5.0	5.1	5.0		
• 1									5.3	4.3	5.0		
									3.4	4.7	4.0		
									3.1	3.9	4.0		
• 2									4.7	4.5	4.0		
1.9									11.7	5.8	5.0		
3.4	• 1								18.5	6.9	7.0		
3.4									11.7	7.5	8 • 0		
1.5	•3	. 1							7.9	7.1	5.0		
1.7	. 1								6.4	7.1	7.0		
1 • 7	• 2								7.8	7.0	7.0		
• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •		
1:11/1	///////	//////	///////	//////	1111111	1111111	///////	///////	9.0	/////	111111		
15.5	.9	. 1							100.0	5.7	6.0		
Tri	TAL NUM	3ER OF	DBSERVA	T1045	900								
• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •		

5 - 4 - 54

į

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY DESERVATIONS USAFETAC, ASHFVILLE NO STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAP 7 LST TO UTC: + 5 MONTH: JUN HOURS: 12 WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOT (DEGREES) (N) 350-010 1.7 1.1 2.2 . 1 020-040 1.3 1.8 .7 4. 050-070 2.0 3.1 . 1 (E) 280-100 2.3 2.1 . 1 110-130 1.1 1.5 140-160 2.7 1.9 . 1 4. (5) 170-190 5.5 1.9 10. 2.3 200-220 2.3 7.2 5.4 1.0 230-250 • 3 5.2 5.4 13. ۹. (W) 250-280 1.7 4.9 2.3 . 7 . 7 220-310 1.0 2.2 3.1 1.7 320-340 4.0 3.7 . 2 VARIABLE CALIT

TOTAL NUMBER OF OBSERVATIONS

41.9 25.5

23.1

TUTALS

C - 4 - 55

100.

า วับ ปา	C: + 5		CKER ANG	в Он		MONTH	: JUN	CORD: '	s: 12-1		в
10-14		WIND	SPEED IN 25-29			, ,		GE 65	TOTAL	CFIW	MEDIAN WIND
1.7	. i	• • • • • •	• • • • • • •	• • • • • •	•••••	•••••	•••••		5.1	7.7	8.0
.7									4.2	5.4	5.0
- 1									6.1	4.9	5.0
• 1									4.6	4.9	4.0
									2.7	4.3	4.0
• 1									4.9	4.5	4.0
1.9									10.2	6.6	6.5
r.4	1.0								16.5	8.5	a•9
5 • 4	1.1								13.6	9.3	10.0
2.3	. 7								٩.6	8.0	8.0
3.1	.9								7.2	7.7	10.0
3.7	. 2								۹.۹	7.9	8.0
•••••	• • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •
///////	/////	//////	///////	//////	//////	1111111	//////	1111111	5.6	/////	//////
25.5	4.0								100.0	7.1	7.0
			OBSERVA					• • • • • •			

OPERATING LOCATION "A" PERCENTAGE PREQUENCY OF OCCURRENCE SUPFACE WIND DIRECTION VERSUS WIND USAFETAG, ASHEVILLE NO FROM HOURLY OBSERVATIONS

GOALCIACT AS	1.5 4 1 6 6 7 47				raya a.	ניינ ושרטנ	SCANIE:	3 1 4 .3			
SHUM MOLTATS		Ł S	T TO UT	C: + 5	CKENBACKER AND			MONTH	: JUN	CORD: HOUR	MAR 78 5: 15-
•••••		• • • • •	• • • • • • •	• • • • • • •	WIND SPEED IN		• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • •
OTRECTION (DEGREES)	1-4		10-14	15-19	20-24 25-29		35-39	49-49	50-64	GE 65	70741
(N) 350-010	1.4	2.7	2.3	.3	• • • • • • • • • • • • • • • •		• • • • • •	• • • • • •	•••••	•••••	6.8
020-040	1.7	3.3	• 2								5.2
050-070	1.0	2.1	.2								4.1
(E) 080-100	2.6	1.7	• 1								4.3
110-130	2.5	1.9									4.4
140-150	2.2	2.2	•3	• 1							4 , 4
(5) 170-190	1.7	4.2	1.1								7.0
200-220	2.2	6.2	5.3	1.8	•1						15.7
230-250	1.4	5.7	5 🚛	2.0							14.9
(W) 250-230	1.7	3.9	2.1	. 2							7.9
290-310	1.8	3.3	4.7	• 3							10.5
327-340	1.3	3.5	2.7	• 2	•1						7,4
VARIABLE		••••	••••	• • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • •	•••••	• • • • • •
CALM	/////////	/////	//////	//////	///////////////////////////////////////	/////////	///////	//////	//////	//////	6.3
TOTALS	22.4	40.8	24.9	5.4	• 2						100.0
			10	TAL NUM	BER OF DBSERVA	SPOITA	900				

C - 4 - 56

-{

TATION N TU GT TC	C: + 5	CKENBA	CKER ANG	в он		PERIOD OF RECORD: MAR 78 - FEB 88 MONTH: JUN HOURS: 15-17							
!)-14			SPEED IN 25-29					GE 65	TOTAL		MEDIAN		
		• • • • • •						• • • • • • •	• • • • • • •	MI40	CNIW		
2.3	• 3								6.8	7.8	7.0		
. 2									5.2	5.8	6.0		
.2									4.1	5.1	5.0		
.1									4.3	4.5	4.0		
(4.4	4.3	4.0		
	. 1								4.9	5.3	5.0		
1.1									7.0	6.8	6.0		
5.3	1.6	.1							15.7	9.0	9.0		
B	2.0								14.9	9.7	10.0		
2.1	• 2								7.9	7.7	7.0		
4.7	• 3								10.5	9.2	10.0		
2.7	• 2	• 1							7.9	8.4	α.0		
	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •		
2111111	//////	//////	///////	//////	//////	1111111	1111111	//////	6.3	/////	111111		
34.6	5.4	• 2							100.0	7.3	7.0		
10	ITAL NUM	3ER JF	DBSERVA	פויםוז	900								
1	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •		

C - 4 - 56

ŧ

OPERATING LOCATION HAM PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS : USAFETAC, ASHEVILLE NO FROM HOURLY ORSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAP 7: LST TO UTC: + 5 MONTH: JUN HOURS: 18-WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 06 65 TOTE (DEGREES) (N) 350-010 . 1 3.0 020-040 2.9 2.9 5.1 . 5 050-070 4.3 1.9 • 1 (E) 080-100 3.1 • 9 110-130 1.1 4.0 140-160 3.6 1.2 . 1 9.4 (S) 170-190 4. 9 3.4 1.1 • 2 200-220 13.9 4.4 7.4 239-260 5.4 . 3 (W) 200-230 2.2 3.1 1.0 . 2 . I 297-310 ?. ٦ 3.4 1.0 • 3 . 1 1.3 320-340 2.9 1.6 • 1 VARIABLE CALY TOTALS 37.2 38.4 12.0 1.2 . 2 100.0 TOTAL NUMBER OF OBSERVATIONS 900

r - 4 - 57

ATION 1 F F3 UI			KENBACI	KER ANG	в дн		PERIO MUNTH	,	CORD: ! HOUR	MAR 78 - S: 18-20		8
17-14	15-1			PEED IN 25-27		35-30	40-49	F)-64	GE 65	TOTAL	MFA4 WI40	MEDIAN GAIK
1.7	• • • • •	1	• • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	3.0	7.1	7.0
.6										5.3	5.2	5.0
• 1										5.0	4.7	4.0
										4.0	3.5	3.0
										4.7	3.5	3.9
• 1										4 , 0	3.5	3.0
1.1										9.4	5.3	4.C
1.0	•	. 2								13.9	۸, ۹	7.0
· · · ·		. 3								10.2	7.3	7.7
1.0		. 2	• 1							6.7	6.5	5.0
1.4	•	. 3	. 1							۲.٦	7.5	7.0
1 • -	•	. 1								6.3	7.4	₹. ウ
	••••	• • • •		• • • • • •		•••••		•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
(11111)	11111	////	/////	//////	//////	////////	1111111	///////	///////	10.3	/////	//////
12.0	1.	2	• 2							100.0	5.3	5.0
T :	TAL '	IUMB:	ER OF	DBSERVA	TIONS	900						

OPERATING LUCATION "A" PERCENTAGE PREDUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY GESEPARTIONS

TISAPPIAS A.T	A CPT 1.2	1 Kill - 155 CE - 155 CE - 1717										
SANTAN MUNDE	R: 7 <u>7</u> 4285		ATION N F TO UT		CKENBAC	KER ANG	HC R			JO OF RE I: JUN	RUCH	MAR S: 21
0145071105 (0508759)	1-4	h=9	17-14	15-19		PEED IN 25-29		35-30	4)-49	50-64	nn 45	TO
(N) 350-010	1.1	2.4		• • • • • •	•••••	•••••	•••••	• • • • • • •	•••••	•••••	•••••	4.
029-040	4.4	1.7	• 2									4 1,
(51-27)	· • 4	1.5	. !									
(E) 090-170	4.7	• 5	• 1									5 c
110-130	2.9	. 3										3.
140-160	n • →	. 4	. 1									7,
(5) 173-136	1.0	4.1	• 4	.2								l r
230-237	4.0	· ·	• '1	•2								10.
11.3 0 ∞ 3 ± 0 €	. 7	1.5	• 4									<i>;</i> ,
(W) 260-230	1.7	1.3	• .1									٦,
227-310	7.	1.7	•.	• 1								×. (
320-340	1.4	1.7	• •		• 1							4,
/A+IA3L1	• • • • • • • • •	• • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	•••••			• • • • • •	• • • • • • •	• • • • •
CAEH	////////	/////	//////	///////	7/////	///////	//////	///////	///////	1111111	////////	25.
TUTALS	47.3	21.3	3 • "	• 5	• 1							100.
			T	TAL NU	ia£≥ GF	DESERVA	TIUNS	900				

0 - 4 - 50

4

-3

7141134 31 11 U	NAME: RI TC: + 5	CKENBACKER ANG	в Эн	PERIOD OF RECORD: MAR 78 - FEB 88 MONTH: JUN HOURS: 21-23							
1)-14	15-10	#IND SPEED IN 20-24 25-29		4/)=49	50-54	GE 55	TOTAL	MEAN WIND	MAIGEM CMIK		
.4	• • • • • • •	• • • • • • • • • • • • •	••••••	• • • • • • •	•••••	• • • • • • •	4.0	6.2	5.0		
. 7							6.6	4.0	4.0		
.1							8.3	3.5	3.0		
.1							5.1	2.9	2.5		
							3.2	3.3	3.0		
.1							7.0	5.0	3.0		
	. 2						15.4	4.3	4.0		
	• 2						10.0	4.9	4.0		
							2.7	5 • 2	5.0		
							3.2	4.7	4.0		
	• 1						5.7	4.7	4.0		
		• 1					4.1	5.7	5.0		
} · · · · · · · · · · · · · · · · · · ·	• • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •		
. 27/1/1/	////////	///////////////////////////////////////	///////////////////////////////////////	///////	//////	//////	25.3	/////	/////		
3.5	• 5	•1					100.0	3.2	4.0		
Ţ,	TAL NO	BER OF DESERVA	TTUUS 900								

C - 4 - 50

١

OPERATING LOCATION MAM PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIT USAFFTAC. ASHFVILLE NO FROM HOURLY OBSERVATIONS PERIOD OF RECORD: MAR 79 THOUTH: JUN HOURS: ALL STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH LST TO UTC: + 5 NUL :HINCM WIND SPEED IN KNOTS DISCOTION 5-9 10-14 15-19 20-24 25-29 30-34 35-37 40-49 50-64 NE 65 TOTAL (DECSEES) (N) 350-010 2.5 1.3 1.1 5.6 020-040 3.3 1.9 . 3 5.5 050-070 3.0 2.0 . 1 6.0 (E) 090-100 2.3 1.1 • 0 3.5 • a 1.1 110-130 2.3 140-150 3.3 1.2 . i 4.5 (S) 170-193 7.3 .9 12.7 • 0 200-220 4,6 . 0 13.6 230-250 1.5 2.5 7.9 (A) 250-290 1.0 . 2 • 0 223-310 2.1 1.5 1. .0 • 3 120-340 1.5 2.4 1.5 . 1 5.7 .0 VARIABLE

FOTAL NUMBER OF OBSERVATIONS 7200

CALH

TUTALS

35.0 30.7

11.5 1.5

C - 4 - 59

100.0

51	r to uto	: + 5	CKENBACKE				HINDM	: JUN		S: ALL		8
			WIND SPES 20-24 25	ED IN	KNOTS				GE 65	TOTAL	MEAN	MEDIAN
•		• • • • • •	• • • • • • • •	• • • • •	• • • • • •	•••••	• • • • • •	• • • • • •		y,	WIND	MIND
• • 1	1.1	.1	• • • • • • • •	• • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	5.6	6.5	6.0
	• 3									5.5	4.5	4.0
٠.	. 1									6.0	4.1	4.0
ì	.0									3.5	4.0	4.0
										2.9	3.7	4.0
•	. 1	• 0								4.6	3.8	3.0
•	• 9	• 0								12.7	4.8	4.0
•	7,4	. 4	• 0							13.6	6.7	5.0
4	2.5	. 4								7.9	8.2	8.0
٠,	1.0	• 2	• 0							5.5	6.8	6.0
:	1.5	. 3	• 0							5.9	7.5	7.0
	1.5	. 1	•0							5.7	7.2	7.0
•••	• • • • • •	•••••	• • • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •
"	(//////	//////	/////////	/////	//////	//////	///////	///////	///////	20 • P	/////	//////
7	11.5	1.5								100.0	4.7	5.0
	fat	AL NUME	BER OF 091	SERVAT	IONS	7200						
• •	• • • • • • •	• • • • • •		• • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •

OPERATING LUCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND USAFETAC, ASHEVILLE NO. FROM HOURLY DESERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -HOURS: ALL LST TO UTC: + 5 NUL :HINCM CATEGORY A: CEILING GE 200 PUT LESS THAN 1500 FEET WITH VISIBILITY OF 1/2 MILE (0800 METERS). ANDIOR VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING G WIND SPEED IN KNOTS DISECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL (N) 350-010 2.3 3.4 • 5 4.4 10.5 020-040 .2 7.1 . 7 3.2 050-070 1.1 2.3 (E) 080-100 2.5 • 2 2.5 110-130 1.2 . 5 2.3 140-150 4.1 1.4 5.5 (5) 170-190 6.4 . 7 15.2 3.0 200-220 7.0 5.7 1.4 14.9 230-250 .) 5.2 3.4 • 2 1.5 (W) 260-280 1.1 2.3 . 7 . ? 5.3 220-310 1.4 1.5 1.1 4.4 320-340 3.2 VAPIABLE CALM

r - 4 - 50

100.0

مدا بسا والمنا الماليا الما

.

TOTALS

29.3

3.5

1.1

TOTAL NUMBER OF DBSERVATIONS

AN NETT	: + 5					,	HTMOP:	JUN	HOU	MAR 78 - RS: ALL		8
T LESS	THAN 1' ANDZOR	500 FE	ET AI	TH VISI	RILITY	GF 1	L/2 MI (4800	LE (OM	00 MET!		GE 200	
10-14		WIND SP 20-24		N KNOTS						TOTAL		
•••••										**************************************	GNIW	GMIK
2.3		• • • • • •	• • • • •	• • • • • •	•••••	• • • •	• • • • •	• • • • • •	• • • • • •	10.6	6.8	7.0
• ?										3.2	4.4	3.0
										2.3	4.5	4.5
										2.5	2.8	3.0
										2.3	3.2	2.5
										5.5	3.5	3.0
.7										15.2	4.7	4.0
1.4							i.			14.9	5.0	4.0
1.,,	• 2									5.2	8.3	8.0
. 7	• 2									5.3	6.6	6.0
I•t	• 2									4.4	7.6	8.0
• 5										3.2	5.8	5.5
• • • • • • •	•••••	• • • • • •	••••	• • • • • •	• • • • • •	• • • •	• • • • •	•••••	•••••	• • • • • • •	• • • • • •	• • • • • •
///////	//////	//////	/////	//////	//////	////	/////	//////	111111	/ 24.1	/////	/////
3.5	1.1									100.0	4.1	5.0
	AL NUMS											

OPERATING LUCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIN USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB 34 PERIOD OF RECORD: MAR 78 -LST TO UTC: + 5 MONTH: JUL HUURS: 00-02 WIND SPEED IN KNOTS DIRECTION 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL (DEGREES) * (N) 350-010 2.7 1.1 3.9 020-040 1.5 4.5 6.1 050-070 4.2 . 3 . 1 4.5 (E) 080-100 1.4 . 3 • 1 1.8 110-130 1.0 . 1 1.1 140-160 3.0 1.1 4.0 (S) 170-190 11.3 4.4 . 1 15.3 200-220 > · 1 3.1 9.2 230-250 1.5 . I 1.5 3.2 (W) 260-260 1.5 • 4 1.9 290-310 1.0 1.0 1.9 320-340 1.4 2.0 VARIABLE CALM TOTALS 39.9 15.2 100.0

TOTAL NUMBER OF OBSERVATIONS

C - 4 - 61

930

J UT	C:	+ 5					Эн	••••	MONTH	: JUL	HOUR	MAR 78 -	2	8
			WINE	50	EEO	IN	KNOTS							
<u>-14</u>	15	-19	20-2	24	25-2	29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN ONIW	MEDIAN WIND
.1	•••	• • •	• • • • •	•••	• • • •	• • •	•••••	• • • • • • •	• • • • • •	• • • • • •	••••••	3.9	4.1	3.0
												6.1	3.4	3.0
• 1												4.6	3.0	2.0
• ì												1.8	3.5	3.0
			(#)									1.1	2.9	3.0
												4.9	3.4	3.0
- 1												15.8	4.0	4.0
												9.2	4.0	4.0
• 1												3.2	4.9	4.5
												1.9	3.7	4.0
												1.9	4.9	4.5
												2.0	5.6	5.0
• • • •	• • • •	• • •	• • • • •	•••	• • • •	•••	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
!!!!	///	///	/////	///	////	///	/////	//////	///////	//////	//////	43.3	/////	/////
. 5												100.0	2.2	3.0
T.O.	TAL	NU	4BER C	e Oi	SER	VAT	LONS	930						

. 1 . .

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WI FROM HOURLY DESERVATIONS USAFETAC. ASHEVILLE NO STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 STATION NUMBER: 724285 MONTH: JUL HOURS: 03-0 WIND SPEED IN KNOTS DIFECTION 10-14 15-19 20-24 25-29 30-34 40-49 50-64 GE 65 TOTAL (DEGREES) •/ (N) 350-010 2.7 2.0 4.7 020-040 . 4 4.0 4.4 3.5 250-070 3.2 . 3 (E) 080-100 1.0 • 3 1.3 110-130 .) .2 1.1 140-150 2.4 2.3 . 4 (S) 170-190 10.4 4.2 200-220 9.2 5.0 3.1 . 1 230-250 1.3 1.3 2.6 (W) 260-290 1.5 . 6 2.2 290-310 1.7 2.2 320-340 VARIABLE CALM 100.0 TUTALS 13.8

TOTAL NUMBER OF OBSERVATIONS

C = 4 = 62

930

ION NAME: RICKENBÄCKER ANGB OH ID UTC: + 5	PERIOD OF RECORD: MAR 78 - FEB 88 MONTH: JUL HOURS: 03-05						
WIND SPEED IN KNOTS	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	
7-14 15-19 20-24 25-29 30-34 35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
	• • • • • • •	•••••	• • • • • •	4.7	4.5	4.0	
				4.4	2.9	3.0	
				3.5	2.9	2.0	
				1.3	3.5	3.5	
				1.1	3.3	3.0	
				2.3	3.1	3.0	
				14.6	3.6	3.0	
•1				9.2	4.2	4.0	
				2.6	4.5	4.5	
				2.2	3.3	2.5	
				2.2	3.5	3.0	
				2.5	4.7	4.0	
	••••••	•••••	•••••		• • • • • •	• • • • • •	
 	////////	//////	//////	48.9	//////	/////	
.3				100.0	1.9	4.0	
TOTAL NUMBER OF OBSERVATIONS 930	• • • • • • •	•••••	• • • • • • •				

	PERATING LOCA SAFETAC, ASH												
ST	TATION NUMBER	₹ : 724 285	LS	דט טז זג	TC: + 5		ICKER ANG			MONTH	H: JUL		RS: 06-
• •	••••••					WIND	SPEED IN	KNOTS:					
	DIRECTION (DEGREES)	1-4	5-0	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-54	GE 65	8
(1)	1) 350-010	3.3	2.7	.1	, • • • • •		•••••		,	•••••	, • • • • • •	,	6.1
	020-040	4.0	1.4	• 2									5.6
	050-070	5 • 1	1.0										6.0
(E	001-060 (2.3	•5										2.3
	110-130	1.3											1.3
	140-150	2.9	1.3	. 1									4.3
(S	170-190	7.1	5.1										12.2
	200-220	7.3	6.2	•5		-1							14.7
	230-250	1.9	1.3	• 5									4.2
(W	1) 260 - 280	1.5	1.3	• 1									3.0
	290-310	.9	•9	• 1									1.8
	320-340	1.3	1.0	• 1									2.4
••	VARIABLE	,	•••••	• • • • • •		• • • • • •				. • • • • • (• • • • • •	•••••	• • • • • •
	CALM	/////////	/////	//////	//////	//////	////////	1//////	///////	//////	//////	//////	/ 35.6
	TOTALS	39.4	23.2	1.7		•1							100.0

.

C - 4 - 63

1

TATION NAME: RICKENBACKER ANGB OH 51 TO UTC: + 5			PERIOD OF RECORD: MAR 78 - FEB 88 MONTH: JUL HOURS: 06-08			
10-14 15-19	WIND SPEED IN KNOTS 20-24 25-29 30-34		50-54 GE 6	5 TOTAL	MEAN WIND	MEDIAN ONIW
• I	••••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • •	6.1	4.4	4.0
•2				5.6	3.7	3.0
				6.0	3.4	4.0
				2.8	3.3	3.0
				1.3	2.3	2.0
. 1				4.3	3.7	3.0
				12.2	4.1	4.0
• ୯	.1	-		14.7	4.5	4.0
• 5				4.2	5.4	5.0
• 1				3.0	4.4	3.5
• 1				1.8	4.9	5.0
. 1				2.4	4.8	4.0
	•••••		• • • • • • • • • • • • •	• • • • • • • • •	• • • • • •	• • • • • •
://///////////////////////////////////	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	///////////////////////////////////////	///////////////////////////////////////	// 35.6	/////	/////
1.7	•1			100.0	2.7	4.0
TOTAL NUM	BER OF OBSERVATIONS	930	• • • • • • • • • • •			

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VER DPERATING LOCATION "A" FROM HOURLY DESERVATIONS USAFETAC. ASHEVILLE NO. STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB TH PERIOD OF RECORD: M MONTH: JUL HOURS LST TO UTC: + 5 WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 DIRECTION (DEGREES) • 3 (N) 350-010 1.3 2.8 020-040 2.5 3.2 • 2 050-070 3.0 4.9 . 1 (E) 080-100 2.2 2.5 • 2 . 3 110-130 1.3 • 2 1.9 149-150 7.4 (S) 170-190 5.5 5.5 . 4, 200-220 7.4 . 1 2.6 230-250 4.1 5.7 3.7 2.4 (W) 260-230 3.3 • 9 290-310 1.3 1.9 1.2 • 1 320-340 2.5 VARIABLE CALM TUTALS 35.1 43.5 11.1 • 6 TUTAL NUMBER OF OBSERVATIONS 930

1

ידט טדי	C: + 5	CKENBACKER ANG			MONTH	O OF RE	HOUR	4AR 78 - 5: 09-11	_	8
		WIND SPEED IN 20-24 25-29	KNOTS				GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.3	• • • • • •		•••••	• • • • • •	•••••	• • • • • •	•••••	4.9	5.5	6.0
• 2								6.0	5.2	5.0
• 1								8.9	4.4	5.0
• 2								4 • B	5.2	5.0
• ?								2 • 5	4 • 1	3.5
								4.3	4.9	5.0
• 6								11.7	4.9	5.0
2.0	.1							15.6	5.0	5.0
3.7	. 4							13.9	7.2	5.9
. 9								7.4	5.3	5.0
1.2	• 1							5.1	6.2	5.0
1.2								4.7	7,2	7.5
• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •		•••••	•••••
11/1//	//////	///////////////////////////////////////	//////	//////	//////	///////	//////	9.13	/////	/////
11.1	•6							100.0	5.2	5.0
Td:	TAL NUM	BER OF OBSERVA	TIONS	930	•••••		• • • • • • •			• • • • • •

• G

OPERATING LOCATION MAM PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS W USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 724235 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 LST TO UTC: + 5 MONTH: JUL HOURS: 12-WIND SPEED IN KNOTS OTRECTION (DEGREES) 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTA (N) 350-010 2.7 2.8 . 1 5.1 020-040 1.7 3.1 • 2 050-170 2.7 3.1 5.0 (E) 080-100 2.9 2.4 5.7 110-130 140-150 3.7 1.0 . 1 5.7 (5) 170-190 2.3 4.3 1.1 3.7 200-220 3.) 7.7 3.5 14.5 • 3 230-250 ٠., 5. 3 4. 6 15.3 (W) 250-230 2.5 . 1 5.0 2.5 11.1 290-310 1.7 4.0 2.5 3.7 1. 339-349 3.1 VARIABLE

TOTAL HUMBER OF OBSERVATIONS

201.11

TOTALS

45.7

18.7

9 - 4 - 69

930

100.0

D 5

TTU UTC	: + 5					HONTH	: JUL	HOUR	MAR 78 - 5: 12-14		
1)-14		WIND S	PEED IN	KNOTS						MEAN	MEDIAN
: 1-14									ž	CPIN	CAIN
.9	.1	• • • • • •	•••••	• • • • • •	•••••	•••••	• • • • • •	•••••	5.â	5.2	6.0
• ¿									5.1	5.6	5.0
.3									5.0	5.3	5.0
• **									5.7	5.0	4.0
. 2									3.0	4.8	4.0
• 1									5.7	4.0	3.0
1.1									8.7	6 .1	5.0
3.*	.3								14.5	7.3	7.0
	• 4,								15.3	8.5	8.0
£ +1	• 1								11.1	7.0	6.0
2.5	. 4								3.7	7.7	9.0
1.3									6.2	6.4	7.0
	• • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••
11/1/11	/////	//////	1111111	//////	1111111	1111111	1111111	///////	4.1	/////	111111
12.7	1.5								100.0	6.4	6.0
េរ			DBSERVA								

C - 4 - 65

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIN FROM HOURLY OBSERVATIONS

STATION NUMB	ER: 724285	LS	TO UT	C: + 5			_		HTHEM	I: JUL	HOUR	MAR 78 - S: 15-17
					WIND S	SPEED IN	KNOTS					
(0mgamm2) Distail	1 - 4	5 - 9	17-14	12-14	20-24	25-29	30-34	35+39	40-49	50-64	<u>ሁ</u> ት ዕካ	የጋፕላኒ %
(N) 350-010	1.7	2.5	1.7	.2	•••••	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • •	•••••	5.1
020-040	2.5	2.5	٠,6									5.7
050-070	2.3	2.5	و و									F.0
(E) 080-100	2.2	2.3	• 2									4.6
110-130	2.5	2.0										4.5
140-150	2.3	3.7	. 2		• 1							6.2
(5) 170-190	3.2	4.5	· £									8.6
200-220	2.0	7.4	3.0	.1								12.5
230-250	3.0	7.5	2.1	. 4								13.9
(W) 250-230	1 • 3	6.7	2.9	• 1								11.7
290-310	1.3	4.6	3.2									9.1
320-340	1 . *.	3.5	2.0	. 1								7.2
VARIA3LE	• • • • • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	•••••	•••••		•••••	•••••	• • • • • • • •
CALM	/////////	/////	///////	///////	//////	//////	//////	///////	//////	///////	//////	4.1
TOTALS	25.4	50.2	18.2	.?	• 1							100.0
			เป	TAL NUM	BER OF	UBSERVA	TIONS	930				

0 - 4 - 56

UT(: + 5		•••••		••••	HTMOM	: JUL	HOUR	S: 15-1	7 • • • • • • •	
14	15-19		25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
. 7	.2	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	•••••	6.1	7.5	7.0
• 1)									5.7	5 .7	5.0
• .:									5.6	5,5	5.0
. ,									4.6	4.9	5.0
									4.5	4.2	4.0
. ,		• 1							6.2	5.5	5.0
									8.6	5.6	5.0
. :	. 1								12.6	7.3	7.0
	. 4								13.9	7.1	7.0
• 7	• 1								11.7	7.6	8.0
. ,									9.1	8.0	8.0
•	. 1								7.2	7.6	8.0
•••	• • • • • •		• • • • • • •	• • • • • •	•••••		• • • • • •	•••••	• • • • • • •	• • • • • •	
111	//////	//////		//////	//////	///////	///////	'''''	4.1	111111	//////
. >	.2	•1							100.0	6.4	6.0
7 :1	аг чим	BER OF	UBSERVA	TIONS	930						

11

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WI FROM HOURLY OBSERVATIONS USAFETAC. ASHEVILLE NO STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 LST TO UTC: + 5 MONTH: JUL HOURS: 18-2 WIND SPEED IN KNOTS DIRECTION 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL (DEGREES) 2.9 • 9 (N) 350-010 7.2 خز ہ 020-040 2.5 3.4 5.7 1.5 252-270 4.9 5.7 (E) 080-100 2.9 1.4 4.3 110-130 .9 . 1 140-150 6.3 (\$) 170-190 10.9 5.3 4.4 5.7 200-220 5.7 • 3 12.9 230-250 2.5 1.5 ρ 4.3 (W) 260-290 3.2 5.1 1.0 9.2 290-310 2.5 2.5 5.9 320-340 1.9 1.1 VARIABLE CALM TOTALS 44.2 37.0 7.1 100.0

TOTAL NUMBER OF OBSERVATIONS

930

TO UTC: + 5	PERIOD OF RECORD: MAR 78 - FEB 88 MONTH: JUL HOURS: 18-20
WIND SPEED IN KNOTS	
10-14 15-19 20-24 25-29 30-34 35-39	0 40-49 50-64 GE 65 TOTAL MEAN MEDIAN MEND WIND WIND
	7.2 5.6 5.0
• 9	7.2 7.0 5.0
• **	5.7 5.6 5.0
• 4	5.9 4.0 3.0
	4.3 3.8 3.0
•1	5.3 3.2 3.0
•1	6.8 4.9 4.0
• 5	10.9 4.8 4.0
. 3	12.9 4.8 4.0
1.0	8.3 5.3 6.0
1.0	9,2 5,7 5.0
• 1	5.9 5.7 5.0
٠٠	3.5 6.4 6.0
	///////////////////////////////////////
7.1	100.0 4.4 4.5
TOTAL NUMBER OF OBSERVATIONS 930	

OPERATING LOC USAFETAC: ASH			PERC	ENTAGE	FREQUE			NCE SURF		ND DIREC	TION V	ERSUS WIN
STATION NUMBE	R: 724285		N NCITA TU OT T				-		MONTH	1: JUL	HOU	MAR 78 4 RS: 21-23
• • • • • • • • • • • • •	••••••	• • • • •	• • • • • • •	•••••		SPEED IN		• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • •
DIRECTION (DEGREES)	1-4		• 7 -					35-39				TOTAL ";
(N) 350-010	2.7	1.4	• • • • • •	•••••	• • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • •	4-1
020-040	5.0	1.6								•		7.6
050-070	3.1	1.0										4.1
(E) 080-100	2.4	. 3	.3									3.0
110-130	4.0	•2	• 1									4.3
140-160	7.5	1.3										8.7
(S) 170-190	10.0	4.2										14.2
200-220	5.3	2.3	• 1									9.1
230-250	3.0	• 5	• 1									3.7
(W) 260-280	2.2	1.3	•1									3.5
290-310	1.4	• 9	• 3									2.5
320-340	1.2	• 4	• 3									1.9
VAR [ABL E	••••••	••••	•••••	•••••	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	•••••	••••
CALM	/////////	11111	///////	//////	//////	////////	//////	///////	//////	(//////	//////	/ 33.1
TOTALS	50.3	15.3	1.3					•				100.0
			10	TAL NUM	BER OF	OBSERVA	TIONS	930				

r - 4 - 69

1	TATION NAME: RICKENBAC ST TO UTC: + 5	KER ANGB OH		PERIO MONTH		CORD: N	1AR 78 5: 21-2		8
=		PEED IN KNOTS				-		• • • • • •	• • • • • •
1	10-14 15-19 20-24	25-29 30-34	35-39	40-49	50-64	GE 65	TOTAL ";	MEAN WIND	MEDIAN WIND
4	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •
I					÷		4.1	4.4	4.0
1							7.6	3.6	4.0
							4.1	3.4	3.0
1	• 3						3.0	3.9	3.0
1	•1						4.3	2.9	2.5
1							8.7	3.1	3.0
1							14.2	3.7	3.0
•	•1						9.1	3.8	4.0
	•1						3.7	4.0	4.0
	•1						3.5	4.1	4.0
٠	• 3						2.6	5.3	4.0
•	• 3						1.9	5.1	4.0
•	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • •	•••••				•••••		• • • • • •
,	·	****							
	· · / / / / / / / / / / / / / / / / / /	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	//////	//////	//////	//////	33.1	//////	/////
2 •	1.3						100.0	2.5	3.0
•	TOTAL NUMBER OF	DBSERVATIONS	930						

C - 4 - 68

ı

SY	ATION NUMBER	724285		FATION N			CKEP ANG	38 OH			OD OF RE		MA URS:
••	•••••	• • • • • • •											
	DIRECTION	1-4	5-9	10-14	15-19		SPEED IN 25-29			40-49	50-64	GE 65	5
••	(DEGREES)	• • • • • • • •	• • • • • •	•••••			•••••	,		,	•••••	• • • • • •	••••
(N	350-010	2.5	2.3	.5	.0		• • • • • • •	, .		· • • • • • •	• • • • • • •	•••••	• • • •
	920-049	3.5	2.2	• 3									
	050-070	3.7	1.8	. 2									
(E	080-100	2.1	1.3	• 2									
	110-130	2.2	. 7	. 1									
	140-160	3.7	1.7	• 1		•0							
(S	170-190	7.3	4.7	• 4									
	200-220	5.5	5.4	1.3	• 1	• 0							
	230-250	2.4	3.8	1.8	• 2								
()	1) 260-230	2.2	3.1	• 9	0								
	290-310	1.5	2.0	1.0	•1								
	320-340	1.3	1.3	. 7	•0								
••	VARIABLE	•••••	• • • • •	• • • • • • •	, • • • • • • •	, • • • • • •	•••••	, 	******		• • • • • •	•••••	••••
	CALM	////////	/////	1111111	'//////	//////	///////	///////	///////	//////	//////	/////	//
	TOTALS	37.5	30.8	7.5	.4								1

.....

C = 4 = 59

1

IAN NCI OTU ET		KENBAC	KER AND	18 OH			O OF RE		MAR 78 - S: ALL	• FEB 8	8
)-14			PEED IN		35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
	• • • • • •	•••••	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •		*	MIND	WIND
.5	•0	• • • • •	• • • • • •	•••••			•••••	•••••	5.4	5.4	5.0
۴.									5.9	4.5	4.0
. 2									5.7	4.2	4.0
• 2									3.5	4.4	4.0
. 1									2.9	3.6	3.0
• 1		• 0							5.5	4.0	3.0
. 4									12.1	4.4	4.0
1.4	• 1	• 0							12.3	5.4	5.0
1.9	• 2								8.2	6.9	6.0
• 9	• 0								6.3	6.1	6.0
1.3	• 1								4.7	6.5	6.0
. 7	•0								3.8	6.5	6.0
• • • • • •	•••••	•••••	• • • • • •		• • • • • • •	• • • • • •	• • • • • •		• • • • • • •		• • • • • •
//////	//////	/////	//////	//////	////////	1111111	11/1//	1111111	23.8	/////	111111
7.5	. 4								100.0	4.0	5.0
tot	L NUMB	ER OF	OBSERVA	TIONS	7440						

STATION NUMB		EST	ATION NA T TO UTO	C: + 5							MONT	ГН: ,		HC	OURS	: ALL
CATEGORY 4:		5 200 R	RUT LESS	S THAN AND/OF	1500 R	FEE!	र भार	H VISI	BILII	TY G	E 1/2	MILE	E (086	00 ME	ETER	25).
•••••			 // Wife		• • • • • •					-				•		FILIN
DIRECTION	1-4	5-9	10-14	15-19			-	KNOTS 30-34		-39	40-49) 5	0-64	SE 6	65	TOTA
(DEGREES)		• • • • • •				-		• • • • • •	••••	••••		• • • •		• • • • •	••••	***
(N) 350-010	1.4		. 4	, • • • • •	•••••	••••			• • • • •	• • • • •	• • • • •	. • • •	• • • • •	••••		3.7
020-040	1.1	•6														1.7
050-070	1.7	• 5	• 1													2.3
(E) 080-100	1.4	.7	.1													2.2
110-130	1.6	. 7	. 1													2.5
140-160	2.2	2.1			•	1										4.4
(S) 170-190	10.4	7.8	•5													18.6
200-220	g , a	5.2	. 7	• 2												16.0
230-250	3.5	3.2	.6	• 1												7.4
(W) 260-230	1.5	1.4														3.C
290-310	1.4	.9	• 2													2.5
320-340	1.2	2.6	• 4													4.2
VARIABLE	• • • • • • • • • •	• • • • • •		> • • • • (••••	•••	• • • • •		• • • • •	• • • •	• • • • •		••••	••••	••••	••••
CALM	111111111	//////	'//////	/////	/////	////	/////	/////	////	////	/////	////	////	////	///	31.4
TUTALS	35.4	28.7	3.1	. 3	• 1	1										100.0
			1.11	TAL NUM	MBER D	F 38'	SERVA	TIONS	810	0						

OPERATING LOCATION "A" "
USAFETAC, ASHEVILLE NO

C - 4 - 70

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WERE FROM HOURLY OBSERVATIONS

- 1

1	STATION NAME: RICKENBACKER ANGBOH PERIOD OF RECORD: M LST TO UTC: + 5 MONTH: JUL HOURS	: ALL	FEB 8	8
G£	O BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METER AND/OR	RS).	GE 200	FEET.
ч	WIND SPEED IN KNOTS 1 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 6E 65	TOTAL	MEAN	MEDIAN
4		%	MIND	MIND
••	, 4	3.7	5,9	6.0
		1.7	3.7	3.5
4	• 1	2.3	4.1	4.0
	i •1	2.2	4.4	3.5
	7 •1	2.5	3.8	3.5
4	ı •1	4.4	4.9	4.5
4	•5	18.6	4.4	4.0
	.7 .2	16.0	4.8	4.0
	• • • 1	7.4	5.4	5.0
- 1		3.0	4.2	4.0
4	• 2	2.5	4.9	4.0
	. •4	4.2	6.0	6.0
			•••••	• • • • • •
,,		31.4	/////	/////
3	7 3.1 .3 .1	100.0	3.3	4.0
	TOTAL NUMBER OF OBSERVATIONS 810			
	,	• • • • • • •	• • • • • •	• • • • • • •

DPERATING LOC USAFFTAC, ASH			PERC	ENTAGE	FREQUE	V CY О Р О FROM НО		RCE SURF		D DIREC	TION VE	RSUS
STATION NUMBE	९: 724285		ATION N		CKENBA	CKER ANG	в он			D OF RE	CORD: HOUR	MAR
•••••	• • • • • • • •	• • • • •	• • • • • •	• • • • • •		SPEED IN		• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • •
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		25-29		35-39	40-49	50-64	GE 65	TO1
(N) 350-010	4.3	2.9	.6	• • • • • •		• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	******	7.
020-040	8.9	1.5										10.
050-070	3.7	• 3										3.
(E) 080-100	• 5	• 3										•
110-130	1.1	. 4										1.
140-150	4 • 1	• 3										4,
(S) 170-190	10.2	4.1	•1									14.
200-220	4.9	2.4	• 3									7.
230-250	1.8	•5	• 1									2.
(W) 260-230	1.0	• 3	.1									1.
290-310	• 4	• 5										1.
320-340	1.0	1.0		• 1								2.
VARÎABLE	• • • • • • • •	•••••	• • • • • •	• • • • • •		• • • • • • •	•••••	• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • •
CVFA	11111111	/////	///////	//////	//////	///////	/////	///////	//////	//////	///////	42.
TOTALS	41.2	14.5	1.2	.1								100
			10	ITAL NU	1BER OF	DBSERVA	TIUNS	930				

l

10

ATION NAME: RI	ICKENBACKER ANG	8 OH		D OF REC		1AR 78 -		8
10-14 15-19	WIND SPEED IN 20-24 25-29		39 40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • •	• • • • • •	• • • • • • •	7.8	4.9	4.0
						10.4	3.5	3.0
						3.3	2.5	2.0
						• 9	3.6	3.5
						1.5	3.2	2.0
						4.4	2.7	2.0
.1						14.4	3.7	3.0
• 3						7.6	4.3	4.0
. 1						2.5	3.9	4.0
. 1						1.4	4.8	4.0
						1.0	4.6	5.0
• 1						2.0	5.2	5.0
• • • • • • • • • • • • • • •			• • • • • • • • •		• • • • • • •	• • • • • • •		
· · · · · · · · · · · · · · · · · · ·	///////////////////////////////////////	///////////////////////////////////////	'/////////	///////	//////	42.7	/////	/////
1.2						100.0	2.2	3.0
TOTAL NUM	BER OF OBSERVAT	TIUNS 930						

DPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS | USAFFTAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS

STATION NUMB	JER: 724285	LS	or to uto	C: + 5					MONTH	DO DE RE	HOUR	MAR 71
DIRECTION (DEGREES)			10-14			SPECO IN	4 KNOTS		40-49		9E 65	101. 3
(N) 350-010	•	3.0	.2	• • • • •	• • • • • • • •	•••••					• • • • • • •	B.
			• 6									
020-040	6.5	• ñ										7 • 1
059-970	2.5	, 3										3.,
(E) 080-100	1.3	. 4										1.
110-130	1.0	•1										1.
140-160	3.2	<u>.</u> 3										4.
(S) 170-190	9.0	4.3	.3									13.
200-220	4.4	2.3	• 2									5.
230-250	1.5	. 4	. 4									2.
(W) 260-250	. 4	• 5	•1									1.
290-310	• 5	• 2										•
370+340	• 2	. 9	. 1									1.
VARIABLE	, • • • • • • • • • • •	•••••	•••••		• • • • • • •	, 	•••••	. • • • • • • •	. • • • • • •		• • • • • • •	••••
CALM	11111111	//////	1111111	/////	///////	///////	1//////	////////	1111111	//////	///////	47.
TOTALS	35.4	14.9	1.3									100.
			r o:	TAL NU	MBER OF	OBSERVA	ATIONS	930				

10 S

FF

#IND SPEED IN KNOTS -14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 58 65 TOTAL MEAN #IND -2 8.8 4.5 7.3 3.2 3.2 3.3 1.7 3.1 1.1 2.6 4.0 3.4 .3 2.7 5.1	
8.8 4.5 7.3 3.2 3.2 3.3 1.7 3.1 1.1 2.6 4.0 3.4 3.2 3.9 5.9 4.5 2.7 5.1	WIND
.2 8.8 4.5 7.3 3.2 3.2 3.3 1.7 3.1 1.1 2.6 4.0 3.4 .3 13.7 3.9 .2 5.9 4.5 2.7 5.1	
3.2 3.3 1.7 3.1 1.1 2.6 4.0 3.4 .3 13.7 3.9 .2 5.9 4.5	
1.7 3.1 1.1 2.6 4.0 3.4 .1 13.7 3.9 .2 5.9 4.5	3.0
1.1 2.6 4.0 3.4 .3 13.7 3.9 .2 5.9 4.5 2.7 5.1	3.0
4.0 3.4 .3 13.7 3.9 .2 5.9 4.5 2.7 5.1	2.0
.3 13.7 3.9 .2 5.9 4.5 2.7 5.1	2.0
.2 5.9 4.5 2.7 5.1	3.0
2.7 5.1	4.0
	4.0
	4.0
.1 1.1 6.0	5.0
.8 4.7	4.0
.1 1.7 4.9	5.0
	• • • • • • •
	//////
1.3 100.0 2.1	4.0
TOTAL NUMBER OF OBSERVATIONS 930	

OPERATING LOCATION MAM-USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WI FROM HOURLY OBSERVATIONS

STATION NUMBE	:P: 724285		ATTON N T TO UT		CKENBAC	KER ANG	в пн			D TE RE	CORD: HOUR	MAR 78 S: 06-0
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	• • • • • •	• • • • • •	• • • • • •		PEED IN		• • • • • •	• • • • • • •	•••••	•••••	• • • • • •
DIRECTION (DEGREES)	1-4	5 - 9	10-14	15-19		25-29		35-39	40-49	50-64	GE 65	TOTAL
(N) 350-010	5.1	3.2	. 4	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	•••••	•••••	•••••	8.7
020-040	5.5	2.9	. 3									9.0
050-070	4.9	1.3										5.2
(E) 090-100	1.4	1.1										2.5
110-130	1.1	• 1										1.2
140-150	2.3	• 0										3.5
(5) 170-190	10.6	5.1	• 4									16.1
200-220	4.3	3.9	•5									3 .7
230-250	1.5	1.7	• 4									3.7
(M) 252-290	1.2	. 3	• 2									1.7
290 - 310	. 4	• 1			. 1							• f.
320-340	.)	• 5	• 2									1.6
AMAITHE	• • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • •
CALM	/////////	/////	//////	//////	///////	//////	//////	///////	//////	//////	///////	35.3
TOTALS	47.7	21.0	2 • 4		. 1							100.0
			10	FAL NUM	BER OF	ÖBSERVA	TIONS	930				

r = 4 = 21

NMS: RICKENBACKER ANGBOOM C: + 5	HTMCM	: AUG		s: 06-0		я
WIND SPEED IN KNOTS 15-19 20-24 25-29 30-34 35-39	40-49		GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	• • • • • •	• • • • • •	•••••	8.7	4.6	4.0
}				9.0	4.2	4.0
				6.2	3.4	3.0
				2.5	4.2	4.0
				1.2	2.8	3.0
				3.5	3.2	3.0
				16.1	4.1	4.0
				8.7	4.8	5.0
				3.7	5.5	6.0
· •				1.7	4.9	4.0
.1				•6	5.8	2.5
				1.6	5.1	4.0
• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •
	//////	//////	//////	36.3	//////	/////
•1				100.0	2.7	4.0
TIL NUMBER OF OBSERVATIONS 930						

OPERATING LOCATION "A"
USAFFTAC: ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIN

USAFFTAC. ASH	EAIFFE NO					FROM HO	URLY DE	SERVATI	LONS			
STATION NUMBE	724285	LS	T TO UT	C: + 5		CKER ANG			MONT	: AUG	HOUR	MAR 78 - S: 09-11
DIRECTION (DEGREES)	1-4				WIND	SPEED IN 25-29	KNOTS					TOTAL
(N) 350-010	2.5	 3.8	.8	2	•••••	• • • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •	7.3
020-040	2.5	3.9	.4									6.8
050-070	4.5	4.5	. 3									10.3
(E) 080-100	3.0	1.4	.4									4.8
110-130	1.3	.5										2.4
140-150	3.3	1.0										4.3
(S) 170-190	5.5	6.1	1.1									12.7
200-220	4.0	3.3	2.7	.1								15.1
230-250	3.1	5.6	2.3	. 2								11.2
(W) 250+280	2.5	2.4	.5									5.5
290-310	2.3	1.1										3.3
320-340	1.7	1.2	• 5	• 1								3.5
VARIABLE	••••••	• • • • •	• • • • • • •	•••••	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	••••	• • • • • •	•••••
CALM	////////	/////	///////	///////	//////	////////	//////	///////	//////	///////	///////	12.9
TOTALS	37.2	39.8	9.7	• 5								100.0
			10	ITAL NUP	IBER OF	OBSERVA	TIONS	930				

..........

C - 4 - 74

- (

N NCITA TU OT T		CKENBAC	KER ANG	в он			D OF RE	CORD: !	MAR 78 -		8
• • • • • •	• • • • • •	IZ CVIW	PEED IN	KNOTS	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN
.8	• 2	•••••	• • • • • •	• • • • • •	•••••	•••••	•••••	• • • • • • •	7.3	6.2	6.0
• 4									5.8	5.9	6.0
									10.3	5.3	5.0
.4									4.8	4.7	4.0
									2.4	3.3	2.5
									4.3	3.6	3.0
1.1									12.7	5.5	5.5
2.7	• 1								15.1	6.4	6.0
2.3	• 2								11.2	6.7	6.0
• 5									5.5	5.7	5.0
									3.3	4.2	4.0
• "	• 1								3.5	5.7	5.0
	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
(!!!!!	//////	///////	///////	//////		//////	///////	///////	12.8	/////	/////
7.7	• 5								100.0	4.9	5.0
10	TAL NUM	BER OF (930						
• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY OBSERVATIONS USAFETAC, ASHEVILLE NO STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7 STATION NUMBER: 724285 LST TO UTC: + 5 HOURS: 12 MONTH: AUG WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 DIRECTION TOT (DEGREES) (N) 350-010 2.5 3.0 1.4 . 1 3.7 020-040 1.7 1.1 6. 1.2 050-070 4 . I • i (E) 080-100 .2 110-130 . 1 5. 140-160 2.7 (5) 170-190 3.0 7.3 1.2 11. 3.9 200-220 2.5 8.1 • 2 230-250 2.4 7.3 5.3 .8 (W) 250-280 2.8 290-310 1.3 320-340 VARIABLE CALM 100. TOTALS 19.5 47.0 1.6 . 1 TOTAL NUMBER OF DBSERVATIONS

. L. .

N NCIT		RICKENBAC 5	KER ANG	в он			D OF RE	ECORD: HOUR	MAR 78 S: 12-1		18
10-14		wind 5 9 20-24			35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
1.4	• • • • •	1	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	7,0	6.4	6.0
1.1									6.5	6.4	0.0
1.2	•	1							9.1	5.7	5.0
•2									4.5	4.7	4.0
•1									2.9	4.0	4.0
									5.3	4.9	4.0
1.2									11.5	6.3	6.0
3.9	•	2							14.6	7.6	5.0
5.3	•	8							15.7	8.2	3.0
2 , 3	•	2							8.5	8.1	8.0
1.1	•	1 .1							5.8	6.9	6.5
1.2	•	I							4.2	7.0	7.0
• • • • • • •	• • • • •	•••••	•••••	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	•••••
///////	////	/////////	///////	//////	//////	//////	//////	///////	4.3	/////	111111
19.5	1.	6 .1			÷				100.0	6.5	6.0
	TAL V	UMBER OF	DBSERVA:	TIONS	929					• • • • • •	

C - 4 - 75

1

UPERATING LOCUSAFETAC. ASS			PERC	ENTAGE	FREQUE	NCY OF O				D DIREC	CTION VE	RSUS WIN
STATION NUMBE		LS	T TO UT	C: + 5					MONTH	1: AUG	HOUR	MAR 78 - S: 15-17
DIRECTION (DEGREES)	1-4				WIND 20-24	SPEED IN 25-29	KNOTS 30-34	35-39	40-49	50-64		TOTAL %
(N) 350-010	1.0	2.5	2.6	· · · · · · · · · · · · · · · · · · ·	.1	• • • • • • •	.1	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	6.3
020-040	1.6	3.8	1.3									5.7
050-070	4.9	3.7	1.0									9.5
(E) 080-100	2.9	2.2	• 2									5.3
110-130	1.3	1.0	• 1									2.9
140-160	3.5	2.0	• 1									5.7
(S) 170-190	3.3	5.9	• 9									10.5
200-220	2.5	7.5	3.5	. 4								14.0
230-250	7.4	5.7	3.3	•3								13.1
(H) 260-230	1.3	3.8	2.6	.6								8.8
290-310	1.4	2.3	2.6	• 5								7.3
320-340	•6	1.9	2.0	• 1								4.7
VARIABLE	••••••	••••	• • • • • •	• • • • • •	•••••	• • • • • • •	•••••		•••••	•••••	•••••	• • • • • • •
CALM	/////////	/////	//////	//////	/////	///////	//////	///////	///////	///////	///////	5. 2
TOTALS	28.1	43.8	20.2	2.5	• 1		•1					100.0
			10	TAL NUM	BER OF	OBSERVA	TIONS	930				

. -

,

TION NOTE		CKENBÄCK	ER ANGB	он			D OF RE		MAR 78 -		ន
• • • • • •	• • • • • • •	WIND SP	EED IN K		• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •
1 1-14	15-19	20-24		0-34				GE 6 5	TOTAL %	MEAN WIND	MEDIAN WIND
2.5	•1	-1	• • • • • • •	.1	• • • • • •	• • • • • •	• • • • • •	• • • • • •	6.3	8.9	9.0
1.3									6.7	6.6	6.0
1.0									9.5	5.2	4.0
•2									5.3	4.7	4.0
• 1									2.9	4.2	4.0
. 1								•	5.7	4.2	4.0
• 9									10.5	5.6	5.0
3.5	. 4								14.0	7.7	3.0
3.3	•3								13.1	7.8	7.0
2.6	•6								8.8	8.3	8.0
2.6	• 5								7.3	8.3	8.0
7.5	•1								4.7	9.5	8.5
• • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •
//////	///////	////////	///////	/////	//////	//////	//////	//////	5.2	/////	/////
27.2	2.5	• 1		•1					100.0	6.5	6.0
1 01	TAL NUME	BER OF O	BSERVATI	ONS	930						

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS OUTSAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS

STATION NUMBE	R: 724285	LS	1 10 01	C: + 5	CKENBACKER ANG	в он		MONTH	: AUG	HOUR	-
DIRECTION (DEGREES)	1-4	5=9		15-19	WIND SPEED IN 20-24 25-29	30-34				GE 65	ក ព្យ
(N) 350-010	1.3	4.4	1.4	•1	• • • • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	7.
020-040	2.5	4.1	•5	•1							7.
050-070	5.5	1.3	• 4								7.
(E) 080-100	4.2	• 8									4.
110-130	4.5	•5			•						5
140-150	4.5	1.1									5
(S) 170-190	6.0	3.1	.1								9.
200-220	5.5	6.5	• 5								12
230-250	2.3	4.4	1.0								7.
(M) 260-280	2.3	2 • 4	1.0	• 1							5
290-310	2.2	2.4	•5								5
320-343	.)	2.2	1.3								4
VAPIABLE	• • • • • • • •	• • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • •
CAL	///////	/////	///////	///////	1!1111111111111	///////	////////	11/1/1	//////	///////	17
TOTALS	41.7	33.7	6.8	, 3							100

O

STATION St to		: RICKENBA + 5	CKER ANG	8 OH -			D OF RE	CORD: 1	MAR 78 - 5: 18-20		8
10-1	4 15-	WIND -19 20-24	\$PEED IN 25-29		35-39	40~49	50~64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
4 1.	4	.1		• • • • • •	•••••	•••••	•••••	• • • • • • •	7.2	7.1	7.0
	5	.1							7.2	5.6	6.0
•	4								7.7	3.9	4.0
									4.9	3.0	3.0
									5.1	2.9	3.0
									5.6	3.3	3.0
	1								9.2	4.3	4.0
•	5								12.6	5.2	5.0
1.	0								7.6	6.3	5.0
1.	o	. 1							5.7	6.3	6.0
•	5								5.1	5.9	6.0
. 1.	3								4.3	7.3	7.0
	•••••	•••••	•••••	• • • • • •	•••••	• • • • • • •	•••••	• • • • • • •		•••••	• • • • • • •
111111	/////	///////////////////////////////////////	///////	//////	//////	//////	//////	1111111	17.7	/////	/////
5.	ਸ਼	. 3							100.0	4.2	4.0
	TOTAL	NUMBER OF	GBSERVA"	ZPC I	930						

•												
	USAFETAC, ASH			··· PERC	ENTAGE	FREQUE	O PO YOU				D DIREC	TION VE
	STATION NUMBER	R: 724285		ATION N		CKENBÁ	CKER ANG	8 OH			ID OF RE	CORD: HOUR
	DIRECTION (DEGREES)	1 - 4	5-9			WIND S	SPEED IN 25-29	KNOTS		40-49	50-64	GE 65
	(N) 350-010	2.2	2.3	6	• • • • • • •	•••••	• • • • • • •	• • • • • •	•••••	•••••		•••••
	020-040	5.5	3.4	.1								
	050-070	5.5	. 6									
	(E) 080-100	3.9										
	119-130	3.5	• 2									
,	140-150	F . 3	1.2									
	(S) 170-190	9.1	3.4	•1								
	200-220	5.6	2.0	• 2								
	230-250	1.5	1.0	• 2	.1							
	(W) 260-280	1.5	• 6									
	290-310	1.3	. 3	• 2			• 1					
	320-340	1.4	1.3	• 3								
	VARIABLE	• • • • • • • • •	• • • • •	•••••	• • • • • •	•••••		• • • • • •	• • • • • •	• • • • • •	•••••	•••••
	CALM	/////////	////	//////	//////	//////	///////	//////	//////	//////	//////	///////
	TOTALS	46.5		1.7	. 1		. 1					

			CKENBÁC	KER AN	GB ОН		PER IO		CORD: 1	MAR 78 - S: 21-23		8
217	· · · · · ·	••••	WIND S	PEED I	N KNOTS	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •
••••	}	5-19	20-24	25-29	30-34	35-39	40+49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN DIND
" "	, ć	••••	• • • • • • •	• • • • •	• • • • • •	•••••••	•••••	• • • • • •	•••••	5.1	5.5	5.0
5.1	•1									9.1	4.5	4.0
9 . 1	}									6.1	2.9	2.9
5.1	•									3.9	2.3	2.0
3.9										3.8	2.3	2.0
3.₽	•									6.5	3.3	3.0
5.5	.1									12.7	3.8	4.0
2.7	.2									7.8	4.0	4.0
7.5		• 1								2.9	5.1	4.0
, ;										2.2	3.8	4.0
• 2	.:			. 1						1.9	5.7	4.0
• 9	. 1									3.5	5.4	5 • 0
• •			• • • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •
• • •	11111	/////	///////	/////	//////	///////	//////	//////	///////	34.5	/////	/////
۰.5	. 7	• 1		• 1						100.0	2.6	4.0
1.0	1 1114	L NUM	BER OF	OBSERV	ATIONS	930						

OPERATING LOCATION MAM PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUSAFETAG, ASHIVILLE NO FROM HOURLY OBSERVATIONS

STATION NUMBER: 724245 STATION NAME: RICKENBACKER ANGB OH DIPECTION 1-4 5-9 10-14 16-19 20-74 25-29 30-34 35-39 40-49 50-64 6E 65 (OCSCRESS) (N) 350-010 3.1 3.1 1.0 .1 .0 .0 020-040 4.4 3.0 .5 .0 050-070 4.4 2.1 .4 .0 (E) 080-100 2.4 1.0 .1 110-130 2.1 .5 .6 140-150 3.7 1.2 .0 (S) 170-190 7.2 4.9 .5 200-220 4.2 5.1 1.5 .1 230-250 2.1 3.5 1.6 .2 (4) 250-230 1.3 1.3 .9 .1 720-310 1.3 1.3 .4 .1 .0 .0 .3 320-340 1.1 1.4 .7 .1 TUTALS 37.6 25.9 7.4 .7 .1	3341 G 14G 7 43.							, , , . , . , . ,					
MIND SPEED IN KNOTS (05.58ECS) (N) 350-010 3.1 3.1 1.0 .1 .0 .0 020-040 4.4 3.0 .5 .0 050-070 4.4 2.1 .4 .0 (E) 080-100 2.4 1.0 .1 110-130 2.1 .5 .6 140-160 3.7 1.2 .0 (S) 170-190 7.2 4.9 .5 200-220 4.2 5.1 1.5 .1 230-250 2.1 3.5 1.6 .2 (4) 260-230 1.5 1.3 .9 .1 290-310 1.3 1.3 .4 .1 .0 .0 V12[A**]E CAL** V12[A**]E CAL** TUTALS 37.5 25.9 7.8 .7 11	STATION NUMBE	_	LS	t ta ut	C: + 5					HTHOM	: AUG	HOUR	:\$1
(DESREES) (N) 350-010	•••••••	• • • • • • • • •	• • • • •	• • • • • • •	•••••					• • • • • •	• • • • • •	• • • • • • •	• •
(N) 350-010	DIRECTION	1-4	5-9							40-49	50-64	GE 65	
020-040	(DEGREES)	• • • • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	•••••	•••••	•••••	• • • • • • •	• (
050-070	(N) 350-010	3.1	3.1	1.0	.1	.0	•••••	.0	•••••	•••••	• • • • • •	•••••	• •
(E) 080-100	020-040	4.4	3.0	• 5	٠.٥								
110-130	050-070	4.4	2.1	• 4	.0								
140-160 3.7 1.2 .0 (S) 170-190 7.2 4.9 .5 200-230 4.2 5.1 1.5 .1 230-250 2.1 3.5 1.6 .2 (A) 260-230 1.5 1.3 .9 .1 290-310 1.3 1.3 .6 .1 .0 .0 320-340 1.1 1.4 .7 .1 VARIABLE CALM ////////////////////////////////////	(E) 080-100	2.4	1.0	.1									
(S) 170-190	110-130	2.1	• 5	• 6									
200-220	140-160	3.7	1.2	•0									
230-250	(S) 170-190	7.2	4.9	• 5									
(#) 260-230	200-230	4.7	5.1	1.5	. 1								
290-310 1.3 1.3 .6 .1 .0 .0 .3 320-340 1.1 1.4 .7 .1	230-250	2.1	3.5	1.6	• 2								
320-340 1.1 1.4 .7 .1 VARIABLE CALM ////////////////////////////////////	(4) 260-230	1.5	1.3	• 9	.1								
VARIABLE CALM ////////////////////////////////////	290-310	1.3	1.3	•6	• 1	• 0	٠.)						
CALM ////////////////////////////////////	320-340	1.1	1.4	• 7	.1								
TUTALS 37.5 28.9 7.8 .7	AJSIVOFE	• • • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• •
	CALM	////////	/////	//////	///////	//////	///////	//////	///////	111111	//////	///////	,
TOTAL NUMBER OF ORSERVATIONS 7439	TUTALS	37.5	26.9	7.8	.7								1
				۲n	TAL NUM	geo ge	DASERVA	TIONS	7439				

78 iLL

		CKENBAC	KER ANG	B 0H						- FEB 8	18
-14	15-19				35-39	40-49	50-64	GE 65	TOTAL	MFAN	MEDIAN
• • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	3	DNIW	ON 1 W
.0	.1	.0	•••••	.0	•••••	• • • • • • •	• • • • • •	• • • • • • •	7.3	5.9	5.0
• "	• 0								7.9	4.8	4.0
. 4	• 0								6.9	4.4	4.0
. 1									3.6	3.9	3.0
• 1*									2.5	3.2	3.0
٠٥									4.9	3.6	3.0
•-									12.6	4.6	4.0
•	•1								10.9	5.9	5.0
• ',	• 2								7.4	7.0	6.0
• 1	•1								4.4	6.8	6.0
• '	• 1	• ()	•)						3.2	6.5	6.0
. 7	• 1								3.2	6.5	6.0
		• • • • • •	• • • • • • •	• • • • • •	•••••		•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • • •
. , , ,	///////	//////		//////	///////	''''	'//////	1111111	25.1	//////	111111
·.	. 7								100.0	4.0	5.0
* 7	TAL NUM	950 JE	ORSE?V4	TIOMS	7439			•••••			• • • • • •
	14 · · · · · · · · · · · · · · · · · · ·	14 15-19	#IND S 14 15-19 20-24 .0 .1 .0 .0 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .1 .1 .0 .1 .1 .0 .1 .1 .0 .1 .1 .0	WIND SPEED IN 14 15-19 20-24 25-29 .0 .1 .0 .0 .1 .1	WIND SPEED IN KNOTS 14 15-19 20-24 25-29 30-34 .0 .1 .0 .0 .0 .1 .0 .1 .0 .0 .1	WIND SPEED IN KNOTS 14 15-19 20-24 25-29 30-34 35-39 .0 .1 .0 .00001111111111	MIND SPEED IN KNOTS 14 15-19 20-24 25-29 30-34 35-39 40-49 .0 .1 .0 .0 .c .0 .4 .0 .1 .0	MIND SPEED IN KNOTS 14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 .0 .1 .0 .0 .c .0 .4 .0 .1 .0	MIND SPEED IN KNOTS 14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 .0 .1 .0 .0 .0 .1 .0 .0 .0 .1 .0 .0 .0 .1 .0 .0 .0 .1 .0 .0 .0 .1 .0 .0 .0 .1 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	MIND SPEED IN KNOTS 14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL 2 10 1 0 0 0 7.3 11 0 0 6.9 11 3.6 12 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MIND SPEED IN KNOTS 14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN WIND 7.3 5.9 7.9 4.8 4 00 6.9 4.4 11 3.6 3.9 7.0 12.6 4.6 7.1 10.9 5.9 7.1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

OPERATING LOCATION MANUSAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY DRISERVATIONS

USAFFIAC. AS	HEVILE, NO					in the city of the city	KLT 35	2. KANII	7:13			
STATION NUMB	CR: 724295	LS1	W MOLTA TU OT	C: + 5	CKENBAC	CKER ANGB	9H		HUNTH	DO DE PI		MAR 7 S: AL
CATESTRY A:	CEILING 35	200	UT LES	S THAN AND/O		FEET WITH	A1210	ILITY S	E 1/2	AILE (O	KOO METE	25).
	VISIBILITY) BUT LES						CEILI
OTPECTION			10-14	1=-19	AIND :	SPEED IN 1 25-29	KNOTS 37-34	35-30	40-49			፣ ር፣
(negrees)	• • • • • • • • • •	• • • • • •		• • • • • •			• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	21
(N) 350-010	2.7	2.3	. 2	• • • • • •	• • • • • •	• • • • • • • • •	.1	• • • • • •	•••••	• • • • • •	• • • • • • •	5.
020-040	`.7	1.9	• 3									4.
259-979	2.9	1.0	• 1									4.
(E) 030-100	2.0	. 4										2.
110-130	1.5	• 2										2.
140-140	3 • 2	•6										3.
(S) 170-190	7.5	4.9	• 3									14.
200-220	5.4	5.7	• 9	. 1								13.
230-250	3.1	1.7	1.0	• 2								7.
(w) 250-230	1.9	1.0	• 3	. 1								3.
290-310	1.3	• 4	• 3									2•
320+340	1.0	1.5	• 1									₹.
VARIABLE	• • • • • • • • • •	••••	• • • • • •	• • • • •	• • • • • •	• • • • • • • •		• • • • • •	• • • • • •		• • • • • • •	• • • • •
CALH	111111111	111111	//////	/////	//////	/////////	/////	//////	//////	//////	////////	34.
TOTALS	30 4	23.0	3.5	. 4			• 1					100.
			Ta	TAL NU'	18ER OF	OBSERVAT	IONS	395				

C - 4 - 30

ì

NAME: RICKENBACKER ANGBOTH

HTC: + 5 MONTH: AUG HOURS: ALL 38 THAN 1500 FEET WITH VISIBILITY OF 1/2 MILE (OHOO METERS). 443/38 🗉 (0300 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET. STORN AL DEERS CRIK 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN 97 CMIN MIND 5.4 5.4 4.5 4.7 4.9 4.0 4.0 3.6 3.0 3.5 2.5 3.0 2.0 3.2 3.0 3.8 3.0 2.5 14.7 4.2 4.0 13.1 5.2 5.0 . 1 6.0 7.4 6.0 • 2 3.4 5.6 4.0 . 1 5.1 4.0 2.1 5.3 2.7 6.0 100.0 THIAL NUMBER OF OBSERVATIONS 895

C - 4 - 30

١

PERIOD OF RECORD: MAR 78 - FEB 88

OPERATING EDCATION #4# USAFETAC, ASHEVILLE NO

TUTALS 34.5 14.3 3.0 .4 .1

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY DBSERVATIONS

STA	ITION NUMBE	'R: 734285	-	ration n St to ut		CKENBAC	CKER ANG	98 OH			NO OF RE H: SEP	-	MAR O
	DIRECTION (DEGREES)	1 - 4	5 - 9	10-14	15-19		SPEED IN 25-29			40-49	50-64	\$E 65	s to:
(N)	350-010	2.2	2.7	1.0	.1	,		,		, • • • • • • •	, • • • • • •) • • • • • •	6
	020-040	5.1	. 7	.1	• 1								7
	050-070	3.0	• 3										4
(E)	080-100	1.5	. 1										1
	119-130	1.7	. 1										ı
	140-150	3.3	1.0										4
(5)	170-190	5.4	3.0	• 3									11
	200-220	2.3	3.0	. 4									6
	210-250	1.2	• 2	• 2	• 1								1
(ni)	250-250	. 7	1.1										1
	290-310	1.7	. 4	. 3	• 1								1
	320-340	1.7	1.2	. 7		• 1							Ŗ
•••	VARIABLE	•••••		•••••		, • • • • • • •	• • • • • • • •	. • • • • • • 1	• • • • • • •	• • • • • • • •		, .	
	CALM	//////////	/////	//////	1//////	(//////	////////	1111111	///////	///////	///////	//////	// 47

TOTAL NUMBER OF OBSERVATIONS 900

C - 4 - 31

100.

	IND OF RECORD: TH: SEP HOUR	MAR 78 S: 00-0		8
WIND SPEED IN KNOTS 4 15-19 20-24 25-29 30-34 35-39 40-49	9 50-64 GE 65	TOTAL	MEAN WIND	MEDIAN WIND
	• • • • • • • • • • • • • • •		• • • • • •	• • • • • •
• 1		6.0	6.4	6.0
. 1		7.0	3.3	3.0
		4.7	3.5	3.0
		1.7	3.2	3.0
		1.8	2.8	2.0
		4.3	3.8	3.0
•		11.8	4.0	3.0
		6.2	5.3	5.0
• 1		1.6	5,4	4.0
		1.8	5.2	5.5
•1		1.9	5.5	4.0
• 1		3.7	5.5	5.0
	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	
		47.4	/////	/////
.4 .1		100.0	2.4	4.0
T TAL NUMBER OF OBSERVATIONS 900				
, , , , , , , , , , , , , , , , , , , ,	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSU FROM HOURLY OBSERVATIONS

OZAFETA	C. ASHEV	ILLE NO											
STATION	NUMBER:	724285		N NOITA TU OT T		CKENBAC	KER ANG	8 OH			D OF RE	CORD: HOUR	MAR S: :
118E	 ction	1-4				WIND S	SPEED IN 25-29	KNOTS		40-49		GF 55	• • • ·
-	REES)	1	•	10 1.	1 1	20 2.		,,,	, , ,			.	
(N) 350	-010	4.3	1.3	.8	.1	• • • • • •	• • • • • • •	•••••	• • • • • •		•••••	• • • • • • •	•••
020	-040	5.3	• 4	. 7									•
050	-070	2.9	. 3	• 1									
(E) 080	-103	1.5											÷
110	-130	1.2	• 2										*
140	-150	1.7	. 3	• 1									•
(5) 170	-1 90	10.3	5.0	. 2									14
200	-220	2.5	2.8	•2							•		1
230	-250	• 7	1.0										
(m) 250	- 280	1.1	• 3										,
290	-31 0	• 3	• 6	. 3	• 1								•
320	-340	• 3	1.0	. 7	. 1								•
VARI	ABLE		••••	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	•••••	• • • • • • •	•••
CAL	1 /	///////	/////	//////	//////	//////	///////	//////	///////	///////	//////	///////	41
TOTA	LS	33.7	13.2	3.1	. 3								100
				to	TAL NUM	BER OF	OBSERVA	TIONS	900				

C - 4 - 92

113

.04

ιŁ

้าอ เา	rc: + 5		CKER ANG			MONTH	: SEP	ECORD: N Hours	3: 03-09		8
		GNIW	SPEED IN 25-29	KNOTS				GE 65	TOTAL	MEAN UNIW	MEDIAN WIND
	.1	• • • • • •	• • • • • • •	• • • • • •	******	•••••	•••••		7.0	4.5	3.0
, 7									6.4	3.9	3.0
. 1									3.3	3.2	3.0
									1.6	2.1	2.0
									1.4	3.0	3.0
. 1									2.1	4.2	4.0
. 2									15.2	4.2	4.0
• ?							•		5.6	5 • 2	5.0
									1.3	4.4	5.0
									1.4	3.3	3.0
. 3	•1								1.8	6.1	5.0
. 7	• 1								2.7	7.2	5.0
		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	••••	• • • • • •	• • • • • •
/////	''''	//////	///////	//////	///////		111111	(((((((49.7	/////	//////
1.1	.3								100.0	2.2	4.0
	-		OBSERVA				• • • • • •				

USAFE	TAC+ 455	HEVILLE NO									TO DIKE	, 1 LU: 1	EK 303
STATE	פאניא אנון	ER: 724285		וט מד ד	rc: + 5					MONTH	DD DF RE	HOU	MAR RS: 0
_	RECTION DEGREES)	1-4	5-9	10-14		WIND !	SPEED IN 25-29	KNOTS		40-49			T:
	50-010	3.3	5.3	.7	* * * * * * * *	• • • • • •	• • • • • • •	• • • • • •	•••••	•••••	• • • • • •	•••••	9
o	20-040	4.7	1.2	.3									5
r	150-070	4.9	1.5										5
(E) 0	080-100	1.3	• 2										1
1	10-130	.7											
1	40-150	1.4	. 7										?
(S) 1	70-190	9.0	ಕೆ.4	•3									17
2	00-220	3.1	3.9	.6									7
2	30-250	. 4	1.2	. 2									2
(1) 2	60-280	1.0	• 3										1
.?	90-310	1.4	• ?										2
3	20-340	1.1	. 3	1.7		• 1							3
V A	RIABLE	••••••	,	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	••••
C	ALM	111111111	/////	//////	//////	//////	///////	//////	//////	///////	//////	//////	/ 39
T O	TALS	32.7	24.5	3.1		•1							100

C - 4 - 83

and the second s

1

A

INF

	IAME: RI	CKENBAC	KER ANG	в он			D OF RE		MAR 78 - S: 06-06		8
.>-14	15-19		PEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
7	• • • • • • •	• • • • • •	•••••	• • • • • •	•••••	•••••	• • • • • •	• • • • • •	9.3	5.6	5.0
د.									6.2	3.8	3.0
									6.4	3.3	3.0
									1.6	3.1	3.0
									. 7	2.3	2.0
									2.1	3.5	3.0
. 3									17.8	4.7	4.0
• 4:									7.6	5.6	6.0
									2.2	5.8	6.0
									1.3	4.4	4.0
									2.3	4.4	4.0
1.0		• 1							3.0	7.2	8.0
	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	•••••	• • • • • •	• • • • • • •
[][]]	1111111	//////	///////	//////	///////	///////	///////	///////	39.4	/////	111111
3 - 1		•1							100.0	2.9	4.0
TO	TAL NUM	_	OBSERVA	_	900						

C - 4 - A7

- (

** OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY DBSERVATIONS

STA	TION NUMBE	R: 724285		STATION NAME: RICKENBACKER ANGB OH LST TO UTC: + 5						MONTH: SEP HOURS: 0			MAR 7
	DIRECTION (DEGREES)	1-4	5 - 9	10-14	15-19	WIND S 20-24	PEED IN 25-29	KNOTS 30-34		40-49		QE 65	יייי יייייייייייייייייייייייייייייייי
(N)	350-010	2.7	3.4	1.9	.2	•••••	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	3.
	020-040	2.2	2.2	1.0									5.
	050-070	2.3	2.3	. 4									5.
(E)	080-100	1.9	2.4	• 1									4.
	110-130	2.3	1.0	• 2									4.
	140-160	2.3	• 9	. 1									3.
(S)	170-190	3.0	5.8	2.6	• 1								11.
	200-220	5.0	3.3	3.7									17.
	230-250	2.0	4 • 1	3.4	•1								10.
(뭐)	250-230	1.9	2.4	1.2	•1								5.
	290-310	1.7	2.4	. 7									4.
	320-340	• •	1.5	1.9	. 4								4.
· · · ·	/ARIABLE	•••••	••••	•••••	•••••	•••••	• • • • • • •	•••••	•••••	•••••	• • • • • •	•••••	• • • • •
	CALM	/////////	/////	//////	//////	///////	//////	//////	//////	//////	//////	//////	15.
7	MALS	29.5	36.7	17.1	• 9								100.

TOTAL NUMBER OF OBSERVATIONS 900

10 UT	C: + 5		KER ANG			MONTH	: SEP	_	S: 09-1	1	8
	• • • • • •		PEED IN		• • • • • • •	• • • • • • •	•••••	•••••	• • • • • • •	• • • • • •	• • • • • •
.)=14	15-19	20-24	25*29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	GNIW	MEDIAN WIND
1.9	٠٤	•••••	•••••	• • • • • •	• • • • • •	•••••	•••••		3.2	6.8	7.0
1.0									5.4	6.0	5.0
.4									5.1	5.6	5.5
• 1									4.4	5.1	5.5
• 2									4.0	4.1	4.0
• 1									3.2	3.6	3.0
2.6	•1								11.4	6.8	6.0
3.7									17.0	6.6	7.0
3 . 4	•1								10.4	7.4	7.0
1 • č	.1								5.7	6.9	7.0
. 7									4.8	6.0	6.0
1.	• 4								4.7	8.7	9.0
	• • • • • •	• • • • • •		•••••	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••
(11111)	//////	//////	//////	//////	//////	//////	//////	1111111	15.6	/////	/////
17.1	•9								100.0	5.4	6.0
וניז	TAL NUM	BER OF	OBSERVAT	FIONS	900						

C - 4 - 94

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION V USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MONTH: SEP LST TO UTC: + 5 HOU WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 (DEGREES) (N) 350-010 2.4 3.0 020-040 2.0 .9 2.4 050-070 1.3 2.2 . 6 (E) 030-100 2.2 1.8 110-130 . 1 1.3 1.2 140-150 2.3 2.1 . 3 (S) 170-19J 4.0 2.7 2.5 200-220 3.0 6.7 4.7 . 1 1.3 230-250 5.2 5 . 1 1.3 (W) 260-250 . 1 1.7 4.7 2.6 290-310 3.4 1.0 2.0 . 1 320-340 1.7 3.1 1.4 VARIABLE CALM TOTALS 24.7 40.6 23.8 2.6

TUTAL NUMBER OF OBSERVATIONS 200

r - 4 - 05

(

12		ATION N T TO UT	AME: RI C: + 5	CKENBAC	KER ANG	8 Э Н		PERIOD OF RECORD: MAR 78 - FEB 88 MONTH: SEP HOURS: 12-14								
177		10-14	15-19		PEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN DIND			
9. <u> </u>	•	3.0	.1	• • • • • •	• • • • • • •	• • • • • •	•••••	•••••	•••••	•••••	9.3	7.4	7.5			
4	.)	•9									5.3	5.6	5.0			
4.4		• 6									4.6	5.8	5.0			
3.1	[∙ : :	• 4									4.4	5.3	4.5			
4.		• 1									3.1	4.8	4.0			
9. ~	l 1	. 3									4 • ^Q	4.9	5.0			
14.5	1.3	2.7	• 4	• 1							9.8	7.4	7.0			
13.7	. /	4.7	• 4	• 1							14.9	3.0	5.0			
). e		5.1	1.3	• ?							13.7	9.2	9.0			
5.9	. 7	2.6	• 1								9.0	7.6	9.0			
	• 1	2.0	• 1								5.9	7.8	9.0			
• • • •	• :	1.4	• ?								6.4	7.1	7.0			
	• • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •			
7.	111	//////	//////	//////	//////	//////	///////	//////	//////	///////	7.3	/////	/////			
o.^	• 6	23.8	2.6	. 4							100.0	6.7	7.0			
• • • • •		េរ	TAL NUM	BER OF	OBSERVA	TIONS	900									

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VER USAFFTAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS

STA	TION NUMBER:	724285		N MOLTA	-	ICKENBACKER ANGRIGH PERIOD OF RECORD: ** MONTH: SEP HOURS
	DIRECTION (DEGREES)	1-4		10-14		#IND SPEED IN KNOTS 20-24 25-29 30-34 35-39 40-49 50-64 GE 65
(N)	350-010	1.9	4.0	2.8	.1	
	020-043	1.1	2.8	• 9		
	050-070	3.1	2.3	•6		
(E)	080-100	2.0	2 • 4			
	110-130	3.6	2.0		.1	
	140-150	1.3	3.1	٠Ž٠		
(5)	170-190	3.2	4.5	2.2		
	200-220	2.9	6.5	4.3	.6	•1
	230-250	1.2	5.3	3.9	1.7	• 1
(wi)	260-230	• 3	4.1	2.8	• 2	
	290-310	1.7	4.0	2.2	• 1	
	320-340	1.4	3.3	1.3	. 1	
•••	VARIABLE	• • • • • • •		• • • • • •	• • • • • •	
	CALM	(((((()	11111	//////	//////	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	TOTALS	36.3	44.7	21 2	2.0	2

TOTALS 24.3 44.7 21.2 2.9 .2

TOTAL NUMBER OF OBSERVATIONS 900

C - 4 - 86

FROM HOURLY OBSERVATIONS

79 - 15-14		CKENBAC	KER ANG	B 0H		PERIO MONTH			MAR 78 S: 15-1		8
Tae y	1	WIND S 20-24	PEED IN 25-29		35-30	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
3.0	.1	•••••	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	<i>.</i>	8.8	7.8	9.0
٠,٩									4.9	6.6	7.0
									5.0	5.3	5.0
+ • 4									4.4	4.7	5.0
5.7	.1								5.7	4.5	4.0
• 1	1								5 • 1	5.5	6.0
)•2	1								10.2	6.3	5.0
+ = 4	.5	. 1							14.4	3.0	8.0
, .	1.7	• 1							12.4	7.2	9.0
1,9	.2								7.9	8.4	8.0
1.0	. 1								3.0	7.7	7.5
•	. 1								6.2	5.9	7.0
••••	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •		• • • • • •
.7	111111	//////	///////	//////	///////	///////	///////	//////	5.7	/////	/////
·• 9	2.9	• 2							100.0	5.7	7.0
	TAL NUM	368 OF (JASERVAT	TONS	900						
• • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • • •	• • • • •	• • • • • •

OPERATING LUCATION MANUSAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERS FROM HIURLY INSERVATIONS

OSAL TAGE HOL	12 11 12 13					1 (3)	,0	, J., VA, I	0 43			
STATION NUMPS	R: 724285					• • • • • • • • • • • • • • • • • • • •				I: SEP	ECDRD: HOUR	3:
0136C1104 (05G955S)	1-4				COLE	SPEED IN	STOPN I	35-39				••
(N) 350-010	2.9	5.3	2.3	• • • • • •		• • • • • • •		• • • • • • •	•••••	• • • • • •		• •
020-040	3.1	1.3	.3									
050-070	4.1	. 7										
(E) 080-100	3.3	. 4										
110-130	5.5	1.0										
140-150	٥, ٠	2.1										
(S) 170-190	5.7	2.9	•6									
200-220	4.5	4 _• R	.7	• 2								
230-250	3 • 3	3.3	• 4									
(W) 260-230	2.2	1.9	.1									
290-310	1.3	1.7	. 2									
320 - 340	1.7	3.1	• 3		. 1							
VARIABLE	• • • • • • • •	• • • • •	•••••		• • • • • •		• • • • • •	•••••	• • • • • •	• • • • • •	. • • • • • •	••
CALM	111111111	11/1/	1111111	//////	//////	///////	///////	<i>''''</i>	//////	///////	1111111	,
TOTALS	47.0	29.2	4.0	• 2	. 1							1

TOTAL NUMBER OF OBSERVATIONS 900

C - 4 - 67

TION NAME: RIG TO UTC: + 5	CKENBACKEP ANGE	3 GH		O DE REC		IAR 78 - 3: 18-20		3
(:)-14 15-19	WIND SPEED IN 20-24 25-29		40-49	50 - 64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
2.3	• • • • • • • • • • • • • • • •		•••••	• • • • • • •	• • • • • •	10.2	6.7	6.0
.3						5.2	4.7	4.0
j						4.8	3.2	3.0
						3.8	3.1	3.0
						5.6	3.3	3.0
						10.3	3.5	3.0
• 6						10.1	4.3	4.0
.7 .2						10.2	5.7	5.0
						7.0	5.3	5.0
• i						4.2	4.4	4.0
.?						3.7	5.1	5.0
• 3	. 1					5.2	6.1	6.0
		• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	•••••
((()))))))))	///////////////////////////////////////	///////////////////////////////////////	//////	///////	/////	18.7	//////	11111
4.0 .2	• 1					100.0	3.9	4.0
TUTAL NUM:	BER OF OBSERVAT	1045 900						

OPERATING LOC USAFETAC, ASH		PERCENTAGE FREQUENCY OF OCCURRENCE SUPPAGE WIND DIRECTION VER FROM HOURLY OBSERVATIONS									IRSUS H	
STATION NUMPE	R: 724285		T TO UT	C: + 5		ACKER AND			HTMOM	I: SEP	ECORD: HOU!	MAR 78
DIRECTION (DEGREES)	1-4	5-9			MIND	SPEED IN 25-29	STONN				GE 65	T.JTAI %
(N) 350-010	2.7	2.4		• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •		6.0
020-040	5.0	3.0	•1									3.1
050-070	4.3	.8										5.1
(E) 080-100	2.6	• 7										3.2
110-130	2.3	• 3										3.1
140-160	7.4	1.9										9.3
(5) 170-190	₹•1	4.7	. 3									13.1
200-220	4.0	2.9	. 4									7.3
230-250	1.4	• 6	• 1									2.1
(W) 250-230	1.4	1.0	• 2									3.0
290-310	1.5	.8		. 1								2.4
320-340	! • 1	1.2	. 2									2.5
VARIABLE	• • • • • • • • •	• • • • •	• • • • • • •		•••••	• • • • • • • •	• • • • • •	• • • • • • •	•••••	•••••	• • • • • • •	• • • • • • •
CAL*	/////////	11111	//////	//////	//////	1///////	//////	///////	///////	//////	//////	/ 34.0
TOTALS	42.3	20.8	2.2	• 1								100.0
			13	TAL NUN	ABER OF	OBSERVA	TIONS	900				

t.

TATION NA ST TO UTO		CKENBACI	CER ANGE	з он		HTHOM	: SEP		S: 21-23	1	8
. 10-14	15 - 19	WIND SI 20-24	EED IN 25-29					GE 65	JATET %	MEAN GNIW	MEDIAN UNIW
	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •		6.0	5.6	5.0
• 1									3.1	4.1	4.0
									5.1	3.2	3.0
,									3.2	3.4	3.0
									3.1	3.2	3.0
									9.3	3.5	3.0
. 3									13.1	4.3	4.0
4									7.3	5.0	4.0
.1									2.1	4.5	4.0
. 2									3.0	5.1	4.0
	. 1								2.4	4.8	4.0
• 2									2.5	5 . 4	5.0
			• • • • • •						• • • • • •	• • • • •	• • • • • • •
//////////////////////////////////////	//////	//////	(111111	//////	///////	///////	///////	///////	34.6	/////	/////
2.2	. 1								100.0	2.8	4.0
tat	TAL NUM	BER OF	JBSERVA					• • • • • • •	• • • • • •	. .	• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS OPERATING LOCATION- "A" FROM HOURLY OBSERVATIONS USAFETAC, ASHEVILLE NO PERIOD OF RECORD: MAR 1 STATICA NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH MONTH: SEP LST TO UTC: + 5 WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 DIRECTION (DEGREES) (N) 350-010 1.7 2.9 • 5 020-040 3.0 1.3 • 0 f. . 050-070 . 2 3.3 1.4 3. (E) 080-100 1.0 2.1 . 1 • 9 • 0 110-130 7.4 5. 1.5 140-150 . 1 3.6 (S) 170-190 .0 12. 5.4 4.6 10. 200-220 3.5 4.3 1.9 . 2 • 0 2.7 1.7 . 0 6. 230-250 1.7 . 4 • 9 (W) 260-290 2.0 4. 1.4 • 1 1.0 . 7 290-310 1.4 . 1 320-340 . 9 1.3 1.9 • 1 • 0 VARIABLE CALM 9.9 1.1 100. TOTALS 33.3 23.1 TOTAL NUMBER OF OBSERVATIONS 7200

1411JN 7		CKENBAC	KER ANG	3 OH		MONTH	: SEP		S: ALL	FER 8	8
10-14	15-19		SPEED IN 25-29					GE 65		MEAN	MEDIAN
	• • • • • •	• • • • • •	• • • • • • •		• • • • • • •	•••••	•••••	•••••	*	GRIW	MIND
1.7	.1	• • • • • •	•••••	• • • • • •	•••••	• • • • • •	• • • • • •	•••••	3.1	6.4	6.0
۴.	.0								6.1	4.5	4.0
. 2									4.9	4.1	4.0
.1									3.1	4.1	4.0
. ?	• 0								3.3	3.7	3.0
•1									5.2	4.0	4.0
1.2	• 1	• 0							12.4	5.1	4.0
1.5	• 2	•0							10.4	6.5	6.0
1.7	. 4	• 0							6.5	7.7	7.0
• 9	. 1								4.3	6.6	6.0
. 7	.1								4.0	5.5	6.0
. <u>.</u> G	•1	• 0							4.3	7.0	6.0
	• • • • • •	• • • • • •	• • • • • • •		•••••	• • • • • •	• • • • • •	• • • • • •		•••••	• • • • • •
/// /////	//////	//////	(//////	//////	///////	//////	//////	//////	27.5	/////	/////
9,0	1.1								100.0	4.1	5.0
			OBSERVA								

C = 4 = 30

OPERATING LOCATION MAM PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSU FROM HOURLY DESERVATIONS USAFETAC, ASHEVILLE NO PERIOD OF RECORD: MAR STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGBOH LST TO UTC: + 5 MONTH: SEP CATEGORY A: CEILING OF 200 BUT LESS THAN 1500 FEET WITH VISIBILITY OF 1/2 MILE (0800 METERS) AHD/OR VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEIL WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 DIRECTION (DEGREES) (N) 350-010 1.9 7.2 . 7 020-040 1.8 • 2 050-070 1.9 . 2 4.3 (E) 080-100 1.0 1.5 110-130 . 5 140-160 . 6 (S) 170-190 5.8 12 200-220 4.9 7.7 11 230-250 . 3 1.3 1.6 (W) 260-280 . 2 1.3 1.6 290-310 1.0 . 3 . 2 320-340 1.1 .5 VARIABLE CAL 4 100 TOTALS 31.3 24.7

TUTAL NUMBER OF OBSERVATIONS 622

C - 4 - 90

1

14

L

PERIOD OF RECORD: MAR 78 - FEB 88 TATION NAME: RICKENBACKER ANGB OH IT TO UTC: + 5 MONTH: SEP HOURS: ALL IT LESS THAN 1500 FEET WITH VISIBILITY OF 1/2 MILE (0800 METERS). G AND/OR 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET. WIND SPEED IN KNOTS 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN MI 40 WIND 1.9 7.0 . 3 5.5 . 2 4.7 3.0 4.0 6.4 3.5 4.0 2.6 4.6 3.7 3.1 3.0 3.0 2.4 12.4 4.8 4.0 • 2 11.7 5.8 5.3 5.0 . 2 4.0 6.1 6.0 5.0 2.7 6.1 9.2 10.0 100.0 3.3 TOTAL NUMBER OF OBSERVATIONS 622

USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY DBSERVATIONS

						 ,					
	LS	T TO UT	C: + 5					HTHOM	: OCT	HOUR	M 4 R S: (
1-4				WIND S	PEFO IN	KNOTS					τε
3.7	1.5	.3	• • • • • •	•••••	•••••	• • • • • •	•••••	• • • • • •	•••••	•••••	9
5.4	1.2	• 2									£
3.9	1.8	. 4									7
1.6	• 5										2
1.5	• 9										2
3.0	1.9	. 4	. 1								Ċ
5.5	5.0	1.5									13
4.6	2.7	• 6									ģ
1.0	1.0	• 3									7
1.2	1.9	1 • i	• 1	• 1							4
2.3	3.4	•3									6
• 5	2.3	• 5									3
• • • • • • • • •	• • • • •	•••••	•••••		•••••	•••••		*****	•••••	• • • • • •	• • • •
111111111	/////	//////	//////	///////	1111111	//////	///////	///////	//////	///////	33
34.3	25.1	6.0	• 2	•1							100
		τü	TAL NUM	BER OF	OBSERVA	TIONS	930				
	1-4	FR: 724285 ST LS 1-4 5-9 3.7 1.5 5.4 1.2 3.9 2.8 1.6 .5 1.5 .9 3.0 1.9 5.5 6.0 4.6 2.7 1.0 1.0 1.2 1.9 2.3 3.4 .6 2.3	FR: 724285 STATION N LST TO UT 1-4 5-9 10-14 3.7 1.5 .3 5.4 1.2 .2 3.9 1.8 .4 1.6 .5 1.5 .9 3.0 1.9 .4 5.5 6.0 1.8 4.6 2.7 .6 1.0 1.0 .3 1.2 1.9 1.1 2.3 3.4 .3 .6 2.3 .6	FR: 724295 STATION NAME: RILST TO UTC: + 5 1-4	FR: 724285 STATION NAME: RICKENBAC LST TO UTC: + 5 WIND S 1-4 5-9 10-14 15-19 20-24 3.7 1.5 .3 5.4 1.2 .2 3.9 2.8 .4 1.6 .5 1.5 .9 3.0 1.9 .4 .1 5.5 6.0 1.8 4.6 2.7 .6 1.0 1.0 .3 1.2 1.9 1.1 .1 .1 2.3 3.4 .3 .5 2.3 .5	STATION NAME: RICKENBACKER ANG LST TO UTC: + 5 WIND SPEED IN 1-4 5-9 10-14 15-19 20-24 25-29 3.7 1.5 .3 5.4 1.2 .2 3.9 2.8 .4 1.6 .5 1.5 .9 3.0 1.9 .4 .1 5.5 6.0 1.8 4.6 2.7 .6 1.0 1.0 .3 1.2 1.9 1.1 .1 .1 2.3 3.4 .3 .5 2.3 .5	FR: 724295 STATION NAME: RICKENBACKER ANGB OH LST TO UTC: + 5 1-4 5-9 10-14 15-19 20-24 25-29 30-34 3.7 1.5 .3 5.4 1.2 .2 3.9 2.8 .4 1.6 .5 1.5 .9 3.0 1.9 .4 .1 5.5 6.0 1.8 4.6 2.7 .6 1.0 1.0 .3 1.2 1.9 1.1 .1 .1 2.3 3.4 .3 .5 2.3 .6	FR: 724295 STATION NAME: RICKENBACKER ANGB OH LST TO UTC: + 5 41ND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 3.7 1.5 .3 5.4 1.2 .2 3.9 1.6 .4 1.6 .5 1.5 .9 3.0 1.9 .4 .1 5.5 6.0 1.6 4.6 2.7 .6 1.0 1.0 .3 1.2 1.9 1.1 .1 .1 2.3 3.4 .3 .6 2.3 .6	FR: 724285	FR: 724295 STATION NAME: RICKENBACKER ANGB OH CST TO UTC: + 5 MIND SPEED IN KNOTS: 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 3.7 1.5 .3 5.4 1.2 .2 3.9 1.6 .4 1.6 .5 1.5 .9 3.0 1.9 .4 .1 5.5 6.0 1.6 4.6 2.7 .6 1.0 1.0 .3 1.2 1.9 1.1 .1 .1 2.3 3.4 .3 .6 2.3 .6	FR: 724295

0 - 4 - 91

TN

02

TC: ·	• 5	KENBAI	CKER ANG	3 DH		MONTH	: OCT		MAR 78 RS: 00-0		18
15			SPEED IN 25-29		35-39	40-49		G <u>E</u> 65	TOTAL	MEAN WIND	MAIOBM GNIW
	• • • •	• • • • •	• • • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	•••••	5.5	4.2	4.0
									6•8	3.9	3.0
									7.1	5.0	4.0
									2.2	3.6	4.0
!									2.4	4.0	3.0
	. 1								5.5	5.2	4.0
									13.3	5.8	5.0
									8.0	5.0	4.0
									2.3	5.5	5.0
	•1	•1							4.4	7.4	7.0
•									6.0	5.8	6.0
									3.5	6.9	7.0
	• • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••		•••••	• • • • • • •	• • • • • •	•••••
1111	////	/////	///////	//////	1111111	///////	//////	//////	33.1	/////	//////
	• 2	• 1							100.0	3.5	4.0
TAL	NUM	SER OF	OBSERVA	LIONS	930						

5 - 4 - 91

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VER OPERATING LOCATION "A" FROM HOURLY DESERVATIONS USAFFTAC. ASHEVILLE NO. STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: M LST TO UTC: + 5 MONTH: OCT HOURS WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 (DESPEES) (N) 350-010 4.0 2.6 1.2 020-040 5.3 . 4 050-070 4.3 2.0 • 3 (E) 030-100 1.7 . 9 110-130 • 3 • 5 • 4 140-150 2.6 1.3 . 1 (S) 170-190 5.3 5.5 1.1 200-220 4.5 4.4 1.3 230-250 1.7 . 3 • 2 (4) 260-230 1.2 1.2 1.1 290-310 2.4 1.5 320-340 1.5 • 2 CALM 35.2 23.5 TOTALS 5.7 .5

TOTAL NUMBER OF OBSERVATIONS 930

C = 4 = 92

พเน

78

CENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

73	1	,							
3-05	HAME: RICKENBACK FC: + 5	ER ANGB OH			O OF RE	CORD: RUCH	MAR 78 - S: 03-05		8
TAL	שואח כם	EED IN KNOTS	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
.7	15-19 20-24		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN ONIW
.7]	••••••	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	7.7	5.3	4.0
. 7							5.7	3.5	3.0
• 6							6.7	4.1	4.0
• 3							2.6	3.9	4.0
• •							1.3	4.2	4.0
• 5	• 1						4.4	5.0	4.0
• 5	• 2						12.6	5.6	5.0
. 4							10.2	5.5	5.0
. 4	• 2						3.4	6.5	5•0
• 5							3.4	7.0	6.5
• '							4.5	5.6	4.0
• • • • •							3.2	5.1	5.5
.2 /	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • •
• S	//////////////////////////////////////	///////////////////////////////////////	//////	//////	//////	//////	34.2	/////	/////
	• ⁶ 5						100.0	3.4	4.0
• • • • •	TAL NUMBER OF D	8SERVATIONS	930						

C - 4 - 92

1

,

. ,

J. .

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VE

STATION NUMBE	R: 724285	ĹS	דט מד דו	C: + 5		CKER ANG			HTMCM	DO DE RE	HOUR
DIRECTION (DEGREES)	1-4				CMIK	SPEED IN 25-29	KNUTS				
(N) 350 - 010	4.8	2.3	1.1	•••••	• • • • • •	• • • • • • • •	• • • • • • •	•••••	• • • • • •	•••••	• • • • • • • •
020-040	4.1	1.5	• 2								
050-070	5.5	1.9	.1								
(F) 090 - 100	1.5	. 6	•2								
110-130	1.2	. 8	•								
140-160	1.9	1.5	• 1	• 2							
(5) 170-190	5.5	7.1	1.5	1	-						
200-220	3.7	4.0	1.5	• 2							
230-250	1.4	1.9	•9	• 2	. 2	• 1					
(W) 260-280	1 • 4	1.5	1.1	. 2							
290-310	1.5	1.5	• 6	. 1							
320-340	.3	• 9	• 5								
VARIABLE	• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••	•••••	• • • • • •	• • • • • • • •	• • • • • •	•••••	• • • • • • •	•••••	• • • • • • •
CALA	///////	/////	//////	//////	//////	///////	//////	//////	///////	//////	///////
TOTALS	34.7	25.6	7.9	1.0	. 2	• 1					

FOTAL NUMBER OF OBSERVATIONS 930

0 - 4 - 93

₹ <u>₹ე</u>		445; C: 1		CKENBACI	KER ANG	в јн			DO OF RE	CORD:	MAR 78 - S: 06-08		អ
TOTAL	,	15-	-19	WIND S 20-24	PEED IN 25-27	KNOTS 30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN GNIW
8.2	1	• • • •		•••••	• • • • • • •	• • • • • •	• • • • • • •	•••••	•••••	•••••	8.2	5.0	4.0
5.8											5.8	4.2	4.0
7.5	1										7.6	3.7	3.0
2.4											2.4	4.3	4.0
1.9											1.9	4.0	4.0
3.	:		• 2								3.8	5.4	4.0
15.2	۱,		. 1								15+2	5.7	5.0
			• 2								9.7	6.2	5.0
7.7	1		• 2	• 2	.1						4.7	8.0	5.0
4.7	1		• 2								4.2	7.1	6.0
4•?	ţ,		. 1								3.9	6.5	5.5
3. ·	!										2.3	6.2	6.0
	· · ·	• • • •	• • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •
30.4	11	////	////	//////	//////	//////	///////	///////	///////	///////	30.4	/////	/////
00.0	1.	1	0	.2	• 1						100.0	3.8	5.0
J	f 3	TAL	นบห	BER OF	JASERVA	TIONS	930						
i	}												

1

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VER OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO FROM HOURLY DBSERVATIONS STATION NAME: RICKENBACKER ANGB OH STATION NUMBER: 724285 PERIOD DE RECORD: M LST TO UTC: + 5 MONTH: OCT HOURS WIND SPEED IN KNOTS DIPECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 (DEGREES) (N) 350-010 1.5 3.7 1.3 020-040 • 5 1.7 3.1 • 9 050-070 4.4 4.0 • 3 (E) 030-100 1.9 1.7 . 1 110-130 1.4 1.3 • 2 140-150 1.4 (S) 170-190 3.2 4.7 4.1 200-220 3.1 7.7 • 3 230-250 2.3 4.2 4.0 . 4 • 1 . 9 (a) 260-280 . 1 1.5 3.2 2.5 290-310 1.0 2.0 1.5 • 5 329-349 1.4 1.1 1.4 VARIABLE CALA 25.3 33.9 TOTALS 21.7

TOTAL NUMBER OF OBSERVATIONS 930

Ų.

7 - 4 - 94

S

		4MF: RIO C: + 5	CKENBAC	CKER ANG	в пн			OD DE RE	CORD: HOUR	MAR 78 S: 09-1		18
1)	-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
•	1.3	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	6.6	6.7	6.0
	• 5									5.4	6.0	5.0
	• 9									9.2	5.2	5.0
	. 3	• 1								4.1	5.3	5.0
	• ?									2.9	4.9	5.0
										4.5	5.0	5.0
	4.1	ن ا								12.8	7.8	3.0
		• 3								15.8	7.5	3.0
	٠. ′	. 4	• 1							11.0	a.6	5.0
	j* • J	٠, ٦	. 1							7.8	3.8	3.0
	1.5	• 5								5.2	3.8	8.0
		. 3								4.9	7.1	6.0
				••••			•••••	•••••	•••••	• • • • • • •	•••••	•••••
111	7777	(1/1/1/	//////	///////	//////	'//////	///////	///////	//////	9.7	//////	/////
٠,	i • *	٦,4	• 2							100.0	5.5	7.0
	171	TAL NUM-	BER DF	OBSERVA	TIONS	330						

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY OBSERVATIONS

STATION NUMBE	R: 724285		ATTON V	AMF: RI C: + 5	CKENBAC	KER ANG	8 04			OF RE		MAR 7 S: 12
0185CTION (OEGREES)	1-4	5-9	10-14	15-19		PEED IN 25-29		35-39	47-49	50-64	GE 65	ror
			• • • • • •							• • • • • •	• • • • • •	• • • • •
(N) 350-010	2.5	2.9	• A	. 4								5.
020-040	2.4	2.7	. 4									5.
050-070	2.7	4.1	.8									7.
(F) 090-100	1.2	2.5	• 5									4.
110-130	1.2	1.5	.2									2.
140-150	2.1	2.5	1.0	• 3								4.
(5) 170-190	?.₽	4.3	3.7	• 5	.1							11.
200-220	2.4	4.9	5.1	1.1	• 2							14.
237-250	1 • 2	4.4	5.2	1.1	• *							13.
(W) 250 - 280	• 5	4.5	4.1	1.3	• 3							10.
290-310	1.4	2.9	3.5	. 1	• 1							· ·
320-340	1.0	2.2	1.0	•2								4.
VARIAGEE	• • • • • • • • •	• • • • •	• • • • • •	• • • • • •	•••••	•••••		• • • • • •	•••••	•••••	•••••	• • • • •
CALM	///////	/////	//////	//////	//////	//////	///////	///////	///////	///////	///////	4.
TOTALS	21.4	39.5	28.3	5.0	1.1							100.
			TO	TAL NUM	SER DE	OBSERVA	TIONS	930				

6 - 4 - 95

1 TO UT		CKENBAC	KER ANG	8 09			ID OF RE	CORD: 1	MAR 78 S: 12-1		8
19-14	15-19		SPEED IN 25-29		35-39	49 - 49	50 - 64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
, a	. 4		• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	6.6	5.4	6.0
.4									5.5	5.4	5.0
.4									7.5	5.5	5.0
• =									4.2	6.4	6.0
.?									2.9	5.6	5.0
1.9	. 3								5.1	6.7	6.0
3.7	• 5	• 1							11.1	7.9	8.0
5.1	1.1	• 2							14.7	9.3	10.0
5.2	1.1	. 4							13.3	10.1	10.0
4 • 1	1.3	. 3							10.9	10.2	10.0
1.5	.1	• 1							9.1	3.7	9.0
1.0	• ?								4.3	7.3	7.0
		•••••	• • • • • • •		• • • • • •		• • • • • • •			• • • • • •	
///////	//////	//////	'//////	//////	///////	///////	///////	///////	4.8	/////	111111
29.3	0.0	1.1							100.0	7.7	8.0
1.3	TAL NUM	löt? DF	OBSERVA	TIONS	930						
}• • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	•••••	• • • • • • •

C = 4 = 95

1

OPERATING LOCATION "A"
USAFETAC: ASHEVILLE NO

PERCENTAGE FREQUENCY OF DCCURRENCE SURFACE WIND DIRECTION VERSU-FROM HOURLY OBSERVATIONS

			LST TO UTC: + 5							PERIOD OF RECORD: MAR MONTH: OCT HOURS:				
1 - 4	5-9	10-14	15-19	AIND 9 20-24	SPEED IN 25-29	KNOTS					1			
1.9	3.1			•••••	• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • •			
2.0	2.3	• 6												
3.3	2.3	. 1												
1.7	1.5	• 8												
1.7	2.5	. 4												
?.0	3.0	1.4												
1.9	5.2	2.0	.3											
1.5	5.1	4.6	1.0	• 2							1			
1 • 4	5.4	4.0	1.2	• 1										
• F,	3.7	4.6	1.1	• 1							•			
1.5	3.0	3.0	• 6	.2										
1 • 5	1.5	1 • 2	• 3											
•••••	• • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	• • • • • •	•••••	• • • • • • •	• • •			
11111111	/////	//////	//////	//////	///////	//////	///////	//////	//////	///////	•			
20.3	40.7	24.6	4.7	. 5							1 '			
	1-4 1.7 2.0 3.0 1.7 1.7 2.0 1.9 1.5 1.4 .6 1.5	1-4 5-9 1.9 3.1 2.0 2.3 3.0 2.8 1.7 1.8 1.7 2.5 2.0 3.0 1.9 5.2 1.5 5.1 1.4 5.4 .4 3.7 1.5 3.0 1.5 1.6	1-4 5-9 10-14 1.9 3.1 1.3 2.0 2.3 .6 3.0 2.2 .1 1.7 1.3 .8 1.7 2.5 .4 2.0 3.0 1.4 1.9 5.2 2.0 1.5 5.1 4.6 1.4 5.4 4.5 .6 3.7 4.6 1.5 3.0 3.0 1.5 1.6 1.2	1-4 5-9 10-14 15-19 1.7 3.1 1.3 .2 2.0 2.3 .6 3.0 2.2 .1 1.7 1.3 .8 1.7 2.5 .4 2.0 3.0 1.4 1.9 5.2 2.0 .3 1.5 5.1 4.6 1.0 1.4 5.4 4.6 1.2 .6 3.7 4.6 1.1 1.5 3.0 3.0 .6 1.5 1.5 1.2 .3	LST TO UTC: + 5 1-4	LST TO UTC: + 5 AIND SPEED IN 1-4 5-9 10-14 15-19 20-24 25-29 1.9 3.1 1.3 .2 2.0 2.3 .6 3.0 2.3 .1 1.7 1.8 .8 1.7 2.5 .4 7.0 3.0 1.4 1.9 6.2 2.0 .3 1.4 5.4 4.6 1.0 .2 1.4 5.4 4.6 1.2 .1 1.6 3.0 3.0 .6 .2 1.7 1.8 3.0 3.0 .6 .2	#IND SPEED IN KNOTS 1-4	LST TO UTC: + 5 1-4	LST TO UTC: + 5	LST TO UTC: + 5	LST TO UTC: + 5			

C = 4 = 96

f

1147

.17

ıL

TC: + 5	CKENBACKER	ANGB DH		HTMCM	OCT		S: 15-17	7	8
15-19	4IND SPEED 20-24 25-					GE 65	TOTAL %		MEDIAN WIND
.2	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	6.6	6.7	6.0
							4.9	5.7	5.5
							5.9	4.8	4.0
							4.3	5.9	5.5
ř							4.6	5 .7	5.0
							5.5	5.3	5.0
.3							10.5	7.2	7.0
1.0	• 2						12.5	9.0	9.0
1.2	.1						12.7	9.2	9.0
1.1	• 1						10.1	10.0	10.0
((• 6	.2						8.5	7.1	9.0
.3							4.8	7.4	3.0
	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
1111111	///////////////////////////////////////	///////////////////////////////////////	//////	///////	//////	//////	3.1	/////	/////
4,7	.5						100.0	7.1	7.0
TAL NUME	BER OF OBSE	RVATIONS	930						

C - 4 - 94

ř

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS USAFETAC. ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAP LST TO UTC: + 5 MONTH: OCT HOURS: 1 WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 DIRECTION (DEGREES) (N) 350-010 2.3 • 8 • l 020-040 3.3 1.5 . 4 5 050-070 5.4 1.0 (E) 030-100 1.1 4.0 110-130 1.9 . 2 140-160 5.0 2.7 • 1 • l (S) 170-190 • 5 3.2 5.1 • 3 200-220 4.7 3.7 230-250 2.5 2.3 1.1 (W) 260-230 1.0 3.9 1.4 • 6 • l 290-310 2.0 2.2 1.9 1.2 320-340 1.4 VARIABLE CALM 45.0 28.8 7.3 TUTALS 1.0 .1 100 TOTAL NUMBER OF DESERVATIONS 930

C - 4 - 97

1

NO

0

TATION NO ST TO UTO		CKENBAC	KER ANG	<u> ១</u> ១ម			D OF RE	CORD: 1	MAR 78 - S: 18-20	_	8
• • • • • • •	• • • • • • •	wind s	PEED IN	KNOTS	• • • • • •	•••••	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
10~14	15-19			30-34	35-30	40-49	50-64	GE 65	TOTAL %	MEAN Chim	MEDIAN WIND
• 5	-1	• • • • • •	• • • • • •	• • • • • •	•••••	•••••			7.4	6.0	6.0
. 4									5.4	4.8	4.0
									6.3	3.5	4.0
									5.1	3.5	3.0
• 2									7.0	4.2	4.0
• 1	• 1								8.7	4.1	4.0
•5									9.9	4.8	4.0
٠٦									3.9	4.9	4.0
1.1									5.9	5 • I	5.0
1.4	•6	• 1							3.0	7.7	7.0
1.9	• 2								6.3	7.3	7.0
• *,									3.2	5.3	6.0
• • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
11111111	//////	//////	//////	//////	///////	///////	///////	1111111	17.5	/////	/////
7.3	1.0	.1							100.0	4.3	4.0
1-11	TAL NUM!	BER OF	OBSERVA	TIONS	930						

c - 4 - 97

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSU

USAFETAC. ASE	HEVILLE NO				FROM	i HOL	JRLY 08	SERVATI	ONS			
STATION NUMBER	724285	STATION NAME: RICKENBACKER ANGBOTH LST TO UTC: + 5								I DCT	HOUR	448 S:
DIRECTION (DEGREES)	1-4	5 - 9			WIND SPEED 20-24 25-) IN	KNOTS	35-39	40-49	50-64		T
(N) 350-01C	2.2	2.2	.1	.1	• • • • • • • • •	• • • •	• • • • • •	•••••	•••••	• • • • • •	• • • • • • •	• • •
020-040	5.5	2.4	. 4									
050-070	5.8	2.5	. 2									
(E) 080-100	2.3	• 7										
110-130	2.0	1.4										
140-160	F; . 4	2 . a		.3								
(S) 170-190	7.3	5.5	ن .									1
200-220	3.0	3.0	• 3									
230-250	1.7	1.7	• 6	. 1								
(W) 250±280	1.7	2.5	1.1									
290-310	1.9	2.3	1.1	.3								
320-340	1.2	. 9	٠,	. 1								
VARIABLE	•••••	• • • • •	•••••	•••••	•••••	• • • •	•••••	• • • • • •	• • • • • •	•••••	• • • • • • •	•••
CALM	////////	/////	//////	//////	///////////////////////////////////////	////	//////	///////	///////	//////	///////	2
TOTALS	29.5	28.2	4.9	•9								1 2
			TO	TAL NUM	BER OF OBSE	RVAT	2NC1	930				

I

رت: 23 م		ME: RI : + 5	CKENBAC	KER ANG	8 OH		PERIOD OF RECORD: MAR 78 - FEB 88 MONTH: OCT HOURS: 21-23							
۱Ľ	-14	15-19		SPEED IN 25-29	KNOTS 30-34	35-39	40-49	50-64	GE 65	TOTAL	MFAN WIND	MEDIAN WIND		
5	. 1	.1	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••			4.5	5.3	5.0		
÷	• 4•									3.4	4.2	4.0		
,	.2									8.5	4.0	4.0		
l										3.1	3.8	4.0		
										3.4	4.4	4.0		
5		. 3								8.5	4.5	4.0		
, 	• 11									13.0	4.8	4.0		
3	. 3									5.3	4.9	5.0		
,	• "	. 1								4.2	5.3	5.0		
	1.1									5.4	6.8	6.0		
	1.1	. 3								5.3	7.1	7.0		
		. 1								2.3	5.5	5.0		
					• • • • • •	• • • • • •					• • • • • •	• • • • • •		
. //	/////	111111	//////	·///////	//////	///////	///////	///////	1111111	25.6	/////	111111		
, //	5.0	•9								100.0	3.7	4.0		
	TUT	AL NUM	BER UF	D9SERV4	TIONS	930			• • • • • •		• • • • • •			

OPERATING LOCATION WAW USAFETAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSU

STATION NUMBE	ER: 724285		V NOITA TU CT T		CKENBAC	KER ANG	в он			ID OF R	ECORD: HOU	MAF IRS:
ntrection	1-4	5 - 9		15-19	WIND S	SPEED IN 25-29		35-30	40-49	50-64	GE 65	1
(DEGPEES)	• • • • • • • • •	• • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •		• • • • • •		• • • • •	• • • • • •	••••
(N) 350-010	2.9	2.7	.3	.1		• • • • • • •	• • • • • •		• • • • • • •	•••••	• • • • • •	••••
020-040	3.7	1.9	. 4									
050-070	4.4	2.5	• 3									
(E) 080-100	2.0	1.3	• 2	• 0								
110-130	1.4	1.3	. 1									
140-160	3.1	2.2	• 5	• 1								
(S) 170-190	4.3	5.3	1.9	• 2	· 0							1
200+220	3.5	4.4	2.4	• 3	. 1							3
230-250	1.5	2.5	2.3	. 4	. 1	. 9						
(A) 260-280	1.3	2.8	2.1	•5	• 1							
290-310	1.7	2.4	1.5	• 3	• 0							
320-340	1.2	1.5	ئ ا •	•1								
AJSIVAFE	••••••	• • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	•••••	•••••	•••••	•••••	• • • • • •	••••
CVFA	////////	//////	//////	//////	//////	///////	//////	///////	///////	/////	//////	'
FOTALS	32.0	31.2	13.4	2.0	• 3							10
			T/1	TAL NUM	BER DE	Jeserva	TIONS	7440				

C - 4 - 92

4IND

	MAME: TC: +		CKENBA	CKER	ANG	в он		HTMCM	: OCT	HOUR	MAR 78	- FEB 8	18
-14	15-	13				KNØTS 30-34		40-49	-		TOTAL	MEAN	MEDIAN
[••••	• • • •	• • • • •	••••	• • • •	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	37	CMIW	ONIW
 	• • • • •	. 1	• • • • • •	••••	• • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	•••••	5.6	5.7	5.0
]											5.0	4.6	4.0
											7.4	4.5	4.0
		• 0									3.5	4.7	4.0
. 1											3.3	4.7	4.0
		• 1									6.0	5.3	4.0
. ,		• 2	.0								12.3	6.1	5.0
		. 3	. 1								10.8	7.0	6.0
		• 4	• 1		•)						7.2	3.4	3.0
1		• 5	• 1								6.8	8.6	3.0
		. 3	. 2								6.0	7.6	7.0
· · ·		• 1									3.6	5.7	6.0
j		• • • •	• • • • •	• • • •	• • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		• • • • •	
11	////	////	/////	////	////	//////	. '////	///////	//////	//////	20.5	/////	//////
	2	• 0	. 3								100.0	5.0	5.0
} .	ነ ተ ላ ር	40%	असम् ताह	705	PAYAT	1045	7440						
4	• • • • •	• • • •	• • • • •	• • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • •	• • • • • • •

C - 4 - 90

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERS HISAFETAC. ASHEVILLE NO. FROM HOURLY OPSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGBOTH PERIOD OF RESORD: MA MONTH: OCT LST TO UTC: + 5 HOURS: CATEGORY A: CEILING OF 200 BUT LESS THAN 1500 FEET WITH VISIAILITY OF 1/2 MILE (0800 METERS ANDITE VISIBILITY GE 1/2 MILE (0300 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CE WIND SPEED IN KNOTS DIPSCTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 SE 65 (DEGREES) (N) 350-010 2.3 2.2 4.5 020-040 4.9 4.5 . ^ 050-070 4, . 2 5.3 . 6 (E) 080-100 د، 2.3 110-136 4.0 1.2 • 3 140+160 1.9 2.7 • " (S) 170-190 5.3 1.0 4.0 • 9 200-220 1.3 2.3 230-250 1.7 ?.? 1.2 . 1 1.4 (N) 260-230 1.0 • 4 . 1 290-310 .3 1.5 1.0 320-340 1.2 1.5 VARIABLE CAL TOTALS 20.4 34.4 19.0 l • 4 • 1 • l TOTAL NUMBER OF CASERVATIONS 730

0 - 4 - 100

:

AINO PRINCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DESERVATIONS 73 -LL TIV NAME: RICKENBACKER ANGS OH TI OTC: + 5 PERIOD OF RECORD: MAR 79 - FES 88 MONTH: OCT HOURS: ALL INC 5 T LESS THAN 1500 FEET WITH VISIBILITY OF 1/2 MILE (0900 METERS). 4,0105 MILT (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET. TAL WIND SPEED IN KNOTS -14 1F-19 20-24 25-29 30-34 35-39 40-49 50-64 SE 65 TOTAL MEAN MEDIAN . ? . 7 11.4 12.7 5.5 5.4 • 3 • 1 10.3 5.4 ٠,3 • 1 2.9 2.8 3.3

0 - 4 - 100

. 4

• 1

. l

THIAL NUMBER OF OBSERVATIONS 700

100.0

MIND

5.4

4.7

5.5

6.2

5.3

7.2

7.0

3.9

4.3

5.0

5.0

4.0

5.0 7.0

6.3

5.0

4.0

7.0

7.0

9.0

7.5

6.0

OPERATING LOCATION WAW PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND FROM HOURLY OBSERVATIONS USAFETAC. ASHEVILLE NO STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB DH PERIOD OF RECORD: MAR 78 - F HOURS: 00-02 LST TO UTC: + 5 MONTH: NOV WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 DIRECTION TOTAL (DEGREES) •4 (N) 350-010 3.2 1.2 . 2 8.0 3.3 020-040 2.9 1.6 4.4 050-070 1.9 1.5 3.4 (E) 030-100 1.0 2.1 3.7 110-130 2.0 1.2 • 8 140-150 • 6 • 4 3.1 1.2 5.3 (S) 170-190 9.9 5.1 3.3 1.3 . 1 200-220 . 3 9.9 4.2 3.9 . 2 6.3 230-250 1.3 3.1 • 7 (W) 260-280 . 7 2.3 .9 . 1 6.2 290-310 1.7 3.5 2.1 . 1 7.4 320-340 2.0 1.3 . 1 CALM TUTALS 27.7 28.7 11.8 2.8 100.0 .3

TOTAL NUMBER OF OBSERVATIONS

1

to ut	C: + 5		KER ANG	8 04		HONTH	: NOV		S: 00-0	2	8
• • • • •	• • • • • •		PEED IN	KNOTS					• • • • • •		• • • • • • •
10-14	15-19					40-49	50-64	SE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	••••		• • • • • • • •
1.2	• 2								8.0	6.1	5.5
									4.4	4.2	4.0
									3.4	4.5	4.0
•6									3.7	6.8	7.0
									2.0	4.5	4.0
•6	. 4								5.3	5.8	4.0
1.3	•1								9.9	5.4	4.0
1.2	. 3	•2							9.9	6.2	5.0
1.2	• 7								6.8	7.8	7.0
2.3	•9	• 1							6.2	9.9	10.0
2.1	.1								7.4	7.5	8.0
1.3	•1								4.3	R.2	8.0
•••••	• • • • • •	• • • • • •	•••••	•••••	•••••	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
//////	//////	//////	///////	//////	///////	//////	//////	//////	28.6	/////	/////
11.8	2.8	.3							100.0	4.7	6.0
			OBSERVA	· - - · -							

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIN OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -LST TO UTC: + 5 MONTH: NOV HOURS: 03-05 WIND SPEED IN KNOTS TOTAL DIRECTION 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 (DEGREES) (N) 350-010 2.7 3.4 1.0 . 2 7.3 020-040 1.1 2.2 . 6 3.9 050-070 2.3 2.3 4.5 (E) 080-100 2.0 1.1 3.4 110-130 1.5 . 7 2.2 140-160 1.7 2.8 • 3 5.3 • 6 (S) 170-190 4.3 4.4 . 1 1.6 10.4 200-220 3.7 2.7 .6 . 1 11.1 . 7 230-250 1.9 4.4 (W) 260-280 3.1 5.9 290-310 .7 2.4 1.9 .3 5.8 320-340 2.0 2.3 . 1 VARIABLE CALM

TOTALS

30.3

12.3

3.1

TOTAL NUMBER OF OBSERVATIONS

900

100.0

דט כד	AME: RI C: + 5					MONTH	: NOV	CORD: NOURS	5: 03-09		8
	• • • • • • •	WIND S	PEED IN	KNOTS						• • • • • •	•••••
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MA BM CM1 K	MEDIAN WIND
1.0	.2	•••••	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • •	•••••	7.3	6.2	5.0
•6									3.9	5.9	6.0
• 1									4.5	4.6	5.0
• 3									3.4	5.2	4.0
									2.2	4.1	4.0
.6	•3								5.3	6.6	6.0
1.6	. 1								10.4	5.9	5.0
2.7	. 6	• 1							11.1	7.2	7.0
. 7	• 2								4.4	6.8	5.5
1.5	•8								5.9	8.5	7.5
1.9	.3								5.8	9.4	9.0
1.2	.1	• 1							5.8	7.0	6.0
	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	* * * * * * *	• • • • • •	• • • • • •	•••••
/////	//////	//////	//////	//////	///////	///////	//////	//////	28.6	/////	/////
12.3	3.1	• 2							100.0	4.8	6.0
	TAL NUM				900						

OPERATING LOCATION "A" ---PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIN USAFETAC, ASHEVILLE NO FROM HOURLY DBSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -LST TO UTC: + 5 WONTH: NOV HOURS: 06-08 WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL (DEGREES) (N) 350-010 3.1 3.3 1.4 • 3 3.2 020-040 2.1 2.3 . 6 5.0 050-070 2.3 2.7 . 1 5.5 (E) 080-100 1.3 . 4 . 4 2.7 110-130 . 4 . 1 . 1 1.9 140-150 3.2 2.2 1.1 . 3 5.9 (S) 170-190 5.6 1.9 . 2 14.1 200-220 3.0 • 1 4.1 2.6 . 6 10.3 230-250 1.2 1.9 • ₽ • 2 4.1 (W) 260-280 1.4 3.0 1.3 . 2 6.0 290-310 1.2 . 7 3.1 6.4 320-340 5.0 VARIABLE CALM TOTALS 29.4 30.9 12.8 2.1 . 6 100.0 TOTAL NUMBER OF OBSERVATIONS

7

33 33

,	AME:		ENBAC	(FR	ANGE	в он			D OF RE		MAR 78 -		8
	• • • • •	wi	NO SE	PEE0	IN	KNOTS	• • • • • • •	• • • • • •	• • • • • • •	••••	• • • • • •	• • • • • •	• • • • • •
-14	15-1	9 20	0-24	25-	29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.4	•••••	3	• • • • •	• • • •	•••	• • • • •	• • • • • • •	•••••	•••••	•••••	8.2	6.4	6.0
•5											5.0	5.4	5.0
• 1											5.5	4.5	4.5
.4											2.7	5.1	4.0
- 1	•	1									1.9	4.8	3.0
.,	•	3									6.9	6.0	5.0
1.9	• :	2									14.1	5.9	5.0
• 3	•	1	• 6				-				10.3	7.9	7.0
• "	•	2									4.1	7.3	7.0
1.3	•	2									6.0	7.4	7.0
• •	•	7									6.4	8.0°	8.0
. ;											5.0	6.6	6.0
• • • •	• • • • •	• • • • •	• • • • •	• • • •	• • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
111	/////	////	/////	////	///	[]]]]]	////////	//////		//////	23.8	/////	/////
2.1	2.	1	.6								100.0	4.9	6.0
ro	TAL N	UMBER	OF (38 S E	RVA1	FIONS	900						
	• • • • •	• • • • •				• • • • •	• • • • • • • •	•••••			• • • • • • •	• • • • • • •	

C - 4 - 103

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS W OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 LST TO UTC: + 5 MONTH: NOV HOURS: 09-WIND SPEED IN KNOTS 35-39 40-49 50-64 GE 65 5-9 10-14 15-19 20-24 25-29 30-34 DIRECTION 27 (DEGREES) (N) 350-010 1.4 2.4 . 1 6.6 2.6 5.4 020-040 1.3 2.9 1.2 7. 4 050-070 3.7 3.6 . 6 3.1 (E) 080-100 .9 . 7 1.5 .3 2.4 110-130 1.2 .9 5.5 140-150 15.3 (S) 170-190 6.6 4.6 . 7 3.5 15.9 200-220 3.0 8.3 3.5 •6 1.8 230-250 . 2 3.1 2.7 • 6 . 1 .9 (W) 260-280 1.0 2.3 2.4 6.5 290-310 1.3 2.9 1.3 .6 320-340 1.2 1.9 . 3 VARIABLE CALM 100.0 TOTALS 23.3 38.5 23.4 . 1

TOTAL NUMBER OF OBSERVATIONS

C = 4 = 104

900

ı

N NCITAT ST TO UT		CKENBAC	KER ANG	в эн				CORD: ! HOUR!			8
17-14	15-19		PEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
2.4	.1	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	6.6	7.9	8.0
1.2									5.4	6.4	6.0
• 5									7.8	5.3	5.0
• 7									3.1	5.8	4.5
• 3									2.4	5.6	4.5
1.2	• 1	• 2							5.6	7.0	5.0
4.5	.7								15.3	7.7	8.0
3.5	• 5								15.9	7.7	8.0
2.7	• 5	• 2	.1						8.4	9.0	8.0
2.4	•9								6.7	9.6	9.5
1.5	•6								6.5	8.4	8.0
1.9	.3								5.6	8.3	8.0
• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	•••••	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
1111111	//////	//////	//////	//////	///////	//////	//////	///////	10.7	/////	/////
23.4	3.9	. 4	• 1						100.0	5.8	7.0
to.	TAL NUM	BER OF	OBSERVA	TIONS	900						

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PEPCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY DRSERVATIONS

STATION NUMB	ER: 724285		N NOITA		CKENBAC	KER ANG	8 DH			OD OF RE		MAR 7 S: 12
DIRECTION (DEGREES)		5-9	10-14	15-19		PEED IN 25-29	KNOTS 30-34	35-39	40-49	50-64	GE 65	101 101
(N) 350-010	•••••	3.3	1.7	.2	•••••	• • • • • •	• • • • • •	• • • • • • •	•••••	•••••	•••••	5.
020-040	1.3	2 • 2	• 7									4.
259-079	2.3	2.2	• 9									۴.
(E) 080-100	.3	1.6	•6									2.
110-130	• 3	• 9	.7									2.
140-160	1.5	2.3	1.3	.1								5 •
(S) 170-190	3.0	6.0	4.7	.6					•			14.
200-220	3.9	7.0	5.2	1.8	• 2							13.
230-250	1.6	3.9	5.3	1.9	. 4							13.
(W) 260-280	1.5	2.7	2.4	1.7		. 1						а.
290-310	2.1	3.0	3.0	.8	. 1							9.
320-340	1.2	2.7	2.6	. 2								۴.
ANTIVUE	• • • • • • • • •	• • • • •	•••••	••••	•••••	•••••	• • • • • •	•••••	• • • • • •	•••••	• • • • • •	••••
CALM	////////	/////	///////	//////	//////	//////	//////	///////	///////	//////	1111111	4.
TOTALS	20.8	37.8	29.1	7.3	. 7	.1						100.
			T 0	TAL NUM	BER OF	OBSERVA	TIONS	900				

C - 4 - 105

-

STATION EST TO U		CKENBACK	(ER ANGS DH	l		D OF RE	CORD: 1	MAR 78 - S: 12-14		8
i 10 - 14	15 -1 9		EED IN KNO 25-29 30-		40-49	50-64	ଓଟ୍ 65	ፐጋተል <u></u> ";	MA 3M Criw	MEDIAN WIND
. 1.7	•2	•••••	••••••	*******	• • • • • • •	• • • • • •	• • • • • • •	5.8	8.6	8.0
. 7								4.7	6.4	6.0
. 7								۴.4	5.4	5.0
6								2.4	7.5	9.0
. 7								2.3	5.5	7.0
1.3	. 1							5.3	7.4	7.0
4.7	.6				•			14.2	8.0	8.0
5.2	1.8	• 2						13.1	3.7	9.0
5 F.3	1.9	. 4						13.1	10.4	10.5
7 2.4	1.7		•1					8.4	9.7	9.5
3.0	•8	. 1						9.0	8.4	8.0
	• 2							4.7	A • 5	9.0
	• • • • • • •	• • • • • • •		• • • • • • • •			• • • • • •		• • • • • •	
////////	////////	///////		/////////	////////	///////	1111111	4 . 4	/////	/////
29.1	7.3	. 7	.1					100.0	8.0	9.0
Т	OTAL NUM	868 OF 0	BSERVATION	s 900			• • • • • • •	• • • • • • •		

OPERATING LOCATION "A" USAFFTAC, ASHFVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WILL FROM HOURLY OBSERVATIONS

STATION אוייר ציין	59: 724285		ν νείτα Τυ ΟΤ Τ		CKENBAC	KER ANG	в Эн			D OF RE		MAR 79 S: 15-1
• • • • • • • • • • • • •	• • • • • • • • • •	• • • • •	• • • • • • •	• • • • • • •	e erik	PEED IN	KNITS	* * * * * * *	• • • • • •	• • • • • • •	•••••	• • • • • • •
(DEGGEES) 018=011 14	1 - 4	5-9	17-14	15-19		25=29		35-39	40-49	50-54	GE 55	TOTAL
(N) 350-010		2.3	• • • • • • •	••••••	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • •
(M) 200-010	1.5	2.9	1.7	• 2								5. 6
020+340	1.5	2 • 2	٠,٦									4.1
053-070	••)	3.0	. 4	. 1								5.5
(E) 030-100	• 5	1.3	• 3									2.7
110-130	• 1	1.3	• 2									1.7
147-157	1.4	2.3	1.3	. 1								5.7
(S) 170+179	3.3	5.)	2.4	. 7								12.3
200-220	3.2	5.5	4.0	1.4	. 1							14.3
330-250	3.0	5.0	15.3	1.0								14.3
(m) 200-230	1.4	3.5	4.1	1.3	. 2							10.7
290-310	1.7	2.3	2.3	• 3								7.4
329-349	2.0	3.5	1.3	• l								7.0
VARIABL∃	• • • • • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	••••	•••••	• • • • • •	•••••	• • • • • • •
CALM	111111111	/////	///////	//////	///////	///////	//////	///////	///////	//////	1111111	7.7
TOTALS	22.1	47.5	23.8	5.2	.3							100.0
			To	TAL NUM	BER OF	OBSERVA	TIONS	900				

C = 4 = 105

ក្រាវ ១វ	rc: + 5	CKENBAC				MONTH	VCM:	CORD: HOUR	S: 15-17	7	8
	-	WIND S 20-24	PEED IN	KNUTS					TOTAL	MEAN CVIN	PAIG3M GMIN
1.3	. 2	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •		5.6	7.4	8.0
. 4									4.1	5.4	5.0
	.1								5.6	6.1	5.0
• 3									2.7	6.5	6.0
• 2									1.7	6.5	6.0
1.,	.1								5.7	6.7	5.0
2.4	.7								12.3	7.1	5.0
4.7	1.4	.1							14.3	0.4	3.0
÷ . 3	1.0								14.3	3.5	8.9
4.1	1.3	.2							10.7	9.6	10.0
2.3	.3								7.4	8.0	9.0
1.3	.1								7.0	6.9	7.0
	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••
	///////	////////	1111111	//////	//////	///////	///////	///////	7.7	111111	911111
<u>!</u> 3.3	5.2	• 3	,						100.0	7.1	7.0
	•	IBER OF			-						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WI OPERATING LOCATION "A" USAFFTAC, ASHFVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 LST TO UTC: + 5 VON :HTNOM HOURS: 18-12 WIND SPEED IN KNOTS DIRECTION 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL (DEGREES) *, (N) 350-010 1.5 • 2 8.4 020-040 2.5 1.8 • 1 4.4 050-070 5.2 . 6 (E) 080-100 .9 . 7 3.2 110-130 1.9 •8 . 3 140-160 3.9 • 4 . l 7.9 (S) 170-190 5.1 3.7 • 3 9.5 200-220 4.0 4.7 2.0 . 7 11.3 230-250 2.9 . 1 2.3 . 3 7.3 (m) 250-230 3.9 1.7 . 7 8.3 290-310 1.9 3.2 2.4 . 2 7.3 320-340 VARIABLE CALM TOTALS 32.3 32.9 13.5 2.8 100.0

TOTAL NUMBER OF OBSERVATIONS

TO UT	C: + 5		R ANGE DH	MONTH	· NOV		S: 18-20)	8	
			ED IN KNOTS 5-29 30-34					TOTAL %	MEAN WIND	MAIGBM CRIW
1.5	.2	••••••	••••••	*******	•••••	• • • • • •	• • • • • •	8.4	6.8	6.0
. 1				4 - 4				4.4	4.5	4.0
• 6								5.2	4.8	4.0
. 7								3.2	5.7	4.0
. 3								3.0	4.7	
. 4	.1							7.9	5.3	5.0
• 3	. 4							9.6	5.4	4.0
2.0	.7							11.3	6.7	6.0
2.3	. 3	• 1						7.3	8.2	8.0
1.7	. 7							8.3	7.3	6.0
2.4	. 2							7.8	7.6	8.0
1.1	• 2							5.1	6.2	5.0
	• • • • • •	• • • • • • • • •	• • • • • • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
/////	///////	/////////	///////////////////////////////////////	11111111	//////	//////	//////	13.3	/////	//////
13.5	2.8	- 1						100.0	5.2	6.0
T O	TAL NUM	BER OF OB	SERVATIONS	900		• • • • • •		• • • • • •		• • • • • •

OPERATING LOCATION MAM PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIN USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS MAR 78 STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MONTH: NOV HOURS: 21-2: LST TO UTC: + 5 WIND SPEED IN KNOTS 10-14 15-19 20-24 25-29 30-34 40-49 50-64 GE 65 DIRECTION TOTAL (DEGREES) (N) 350-010 2.3 2.3 1.8 6.9 020-040 2.0 1.3 • 2 3.6 050-070 3.1 2.4 • 3 (E) 080-100 1.4 1.9 . 1 3.9 110-130 1.9 . 3 .3 3.0 140-150 2.9 1.7 . 5 • 3 5.4 (5) 170-190 5.3 3.9 . 3 11.3 200-220 3.3 5.1 10.6 230-250 2.0 2.1 1.7 6.3 (W) 260-280 . 7 1.1 2.3 1.9 . 2 2.4 2.9 290-310 2.1 . 1 7.5 320-340 1.1 1.3 1.0 3.7 VARIABLE CALM TOTALS 27.7 2.7 . 3 100.0

TOTAL NUMBER OF OBSERVATIONS

C - 4 - 108

• • • • • • •	C: + 5		PEED IN		• • • • • • •			******	S: 21-23		• • • • • •
10-14	15-19				35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIA!
1.8	• • • • • •	• • • • • •	•••••	*****	• • • • • •	• • • • • •	••••••	•••••	6.9	6.6	6.0
• 2									3.6	4.6	4.0
• 7									6 • 4	5 • 1	5.0
.4	•1								3.9	6.1	5.0
• 3									3.0	4.5	3.0
• 5	• 3								5.4	5.7	4.0
1.2	• 3								11.8	5.1	4.0
1.3	• 2	• 1							10.6	6.7	6.0
1.7	• 6								5.3	7.6	7.0
1.9	.7	• 2							6.2	9.3	8.0
2.9	. 1								7.5	7.7	8.0
1.0	. 4								3.9	8.1	7.0
•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •			• • • • • •
///////	//////	//////	//////	//////	///////	//////	//////	//////	24.4	/////	/////
14.7	2.7	. 3							100.0	4.9	6.0

OPER USAF	RATING LOCA	ATION "A" EVILLE NO		- PERI	CENTAGE	FREQUE		OCCURREN IOURLY OF			ID DIREC	CTION VI	ERSUS WIND
STAT	FION NUMBER		LS	ST TO UT	TC: + 5					MONTH	H: NOV	HOUR	RS: ALL
D	DIRECTION	1-4	5-9	10-14	15 - 19	WIND :	SPEED 11 25-29	N KNOTS 30-34	35-39	40-49	50-64	GE 65	TOTAL
((DEGREES)	• • • • • • • • • •											% 1
(N)	350-010	2.2	3.2		.2			••••••		• • • • • • •			7.2
	020-040	1.9	2.1	• 5			,						4.4
1	050-070	2.7	2.4	.4	• 0	·							5.5
(E)	080-100	1.3	1.3	• 5	• 0								3.1
	110-130	1.2	. 8	. 3	• 0								2.3
4	140-160	2.4	2.3	• 9	•2	• 0							5.9
(5)	170-190	4.7	4.9	2.3	. 4								12.2
ŕ	200-220	3.6	5.4	2.9	. 7	. 2							12.7
	230-250	1.9	3.0	2.5	.7	.1	0						3.1
(W) /	260~280	1.4	2.9	2.2	.9	•1	0	_					7.4
;	290-310	1.7	2.9	2.2	• 4	• 0		-		•	-		7.2
•	320-340	1.6	2 • 2	1.5	•2	.0							5.4
V i	ARIABLE	• • • • • • • • •	••••	• • • • • • •	, 		•••••	•••••	* * * * * * * * *	, • • • • • •	••••		,
(CALM	////////	11111	1111111	///////	//////	//////	///////	///////	,,,,,,,,	///////	///////	/ 18.3 /
TO	OTALS	25.5	33.4	17.8	3.7	.4							100.0
				T E	OTAL NUM	1BER OF	OBSERV	ATIONS	7200				

and the contract of the contra

<u>and the second of the second </u>

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS TATION NAME: RICKENBACKER ANGBOUT PERIOD OF RECORD: MAR 78 - FEB 88 ST TO UTC: + 5 MONTH: NOV HOURS: ALL WIND SPEED IN KNOTS 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN WIND WIND 6.9 1.6 • 2 7.2 6.0 . 5 4.4 5.4 5.0 5.5 5-1-5.0 • 0 .0 6.1 5.0 • 5 3.1 .0 2.3 5.1 4.0 • 3 .0 5.9 •9 • 2 6.3 5.0 2.3 .4 12.2 6.0 6.4 2.9 .7 . 2 12.7 7.5 7.0 .7 . 1 .0 8.1 8.6 -8-0 2.2 . 1 7.4 8.9 8.0 2.2 .0 7.2 8.1 8.0 . 4 .0 1.5 .2 -7.4 7.0

23

TOTAL NUMBER OF OBSERVATIONS 7200

100.0

5.8

C - 4 - 109

17.8

3.7

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS W OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 LST TO UTC: + 5 VON : HT/OM HOURS: ALL CFILING SE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY SE 1/2 MILF (0800 METERS). AND/OR VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILIN WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 SE 65 DIRECTION (DEGREES) (N) 350-010 14.4 1.9 020-040 6.3 • 5 8.7 • R 050-070 3.9 2.4 7.1 (E) 080-100 3.0 . 2 2.4 110-130 1.3 . 9 140-150 1.4 • 3 (S) 170-190 2.7 1.8 .5 3.F 200-220 1.7 2.3 . 1 . 1 10.0 230-250 • 2 1.7 3.4 (W) 260-280 1.9 . 9 1.8 . 1 290-310 1.3 1.7 1.8 .7 320-340 3.1 1.4 . 1 7.7 • 5 VARIABLE CALM TOTALS 24.1 41.4 16.7 3.0 100.0 TOTAL NUMBER OF OBSERVATIONS 1104

C - 4 - 110

	ATION NA T TO UTC		CKENBACKER	ANGB BH			OF REC	ORD: M		- FEB 81	3
ŀ	• • • • • • • •	• • • • • •	• • • • • • • • • • • •			• • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • •
•	BUT LESS	NAHT S		WITH VISIB	ILITY GE	1/2 MI	ILE (080	O METER	S).		
1.	/2 MILE			LESS THAN	3 MILES	6 (4800	METERS)	WITH C	EILING	GE 200	FEET.
ŀ	• • • • • • •	••••		IN KNOTS	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •
ł			20-24 25-	29 30-34	-					MEAN	MEDIAN
	•••••	•••••	••••••	• • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	* • • • • • • %	DNIW	WIND
	4.3	•5	• • • • • • • • • •	• • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	14.4	7.6	7.0
	•5			Amo	** *				8.7	6.0	6.0
	• 3								7.1	6.0	6.0
}	•2								5.5	5.5	5.0
þ									2.2	4.2	4.0
•	• 3								3.9	4.9	4.0
7	1.8	• 5							8.8	7.3	7.0
ì	2.3	• 1	•1						10.0	7.5	7.0
•	1.5	• 2							6.8	7.5	7.0
)	1.3	. 4	•1						5.1	8.9	9.0
	1.5	. 7							5.5	8.8	8.0
1	1.4	• 6	• 1						7.7	7.7	7.0
• • •	• • • • • • •	• • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • •	• • • • • • •	•••••
11	////////	/////	///////////////////////////////////////			(//////	1111111	/////	14.5	111111	111111
•	16.7	3.0	• 3						100.0	6.1	6.0
	1 01	AL NUM	BER OF OBSE	RVATIONS 1							

		70/005					2150 444	** ***		55016	- 05 04			
STAT	TON NUMBER:	724285		TATION N ST TO UT			JKER ANG	в он			ID OF RE		MAR 78 RS: 00-0	
••••	•••••	• • • • • • •		•••••			SPEED IN				• • • • • •	• • • • • •		• • •
(DEGREES)			•	15-19	20-24	25-29	30-34	35-39	40-49		GE 65	TOTAL %	M W
	350-010		2.2				• • • • • • •	•••••	• • • • • • •	, • • • • • • • • • • • • • • • • • • •		•••••	4.2	•••
	029-040	1.3	. 6										2.5	
	050-070	2.6	1.8	• 3									5.2	
(E)	080-100	1.3	1.3	8.									3.9	
	110-130	1.9	• 5	.1									2.7	
	140-150	2.5	2.0	1.1									5.7	
(5)	170-190	5.4	4,8	2.4	. 1								12.7	
	200-220	3.♀	4.7	2.8	• 3								12.0	
	230-250	1.5	3.4	1.2	. 4	• 3							7.0	
(W)	260-280	1.3	3,5	4.3	1.3								10.4	
	290-310	1.9	2,6	2.2	1.5							as _	8.2	
	320-340	•5	1.6	2.0	. 3								4.5	
٠٧	ARIABLE	•••••	, • • • • •	•••••	· • • • • • • •	· • • • • • •	• • • • • • • • •	•••••	* * * * * * * *		•••••	/ .	•••••	, • • •
	CALM //	////////	/////	///////		///////		//////	///////	///////	///////	1/////	/ 21.1	1,
T	OTALS	25.8	29.1	19.0	4.5	. 3							100.0	

C - 4 - 111

......

. . .

. .

•

• • • • • •		WIND C							• • • • • •	• • • • • • • •	• • • • • •
7-14		20-24	25-29	30-34	35-39	40-49	50-64	GE 65	*	UNIW	MEDIA:
1.3	.1		••••	•••••	• • • • • • •	• • • • • •	• • • • • •	•••••	4.2	7.9	
			~						2.5	4.0	3.0
• 3									5.2	5.6	4.5
b.									3.9	5.6	5.0
. 1									2.7	4.1	4.0
1.1									5.7	5.5	5.0
2.4	.1								12.7	6.1	6.0
2.8	.3			-					12.0	7.3	6.0
1.2	. 4	. 3							7.0	8.0	7.0
4.3	1.3								10.4	9.9	10.0
2.2	1.5			÷					8.2	8.9	8.0
2.0	• 3								4.5	8.9	10.0
,,,,,,	////////	///////	······	///////		· · · · · · · · · · · · · · · · · · ·	······	///////	21.1	·····	· · · · · · · · · · · · · · · · · · ·
	4.5						, , , , , , , , ,		100.0		7.0
	TAL NUM								100.0	241	,,,

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS OPERATING LOCATION "A" FROM HOURLY OBSERVATIONS USAFFTAC: ASHEVILLE NO STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR MONTH: DEC HOURS: 0. LST TO UTC: + 5 WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 DIRECTION (DEGREES) (N) 350-010 1.5 1.9 1.5 . 2 020-040 1.2 . 8 .1 2. 050-070 2.0 1.2 (E) 080-100 2.2 2.5 .6 110-130 2.0 • 6 •5 140-150 3.1 . 9 (5) 170-190 5.7 5.6 1.6 12. 4.0 13. 200-220 4.0 4.4 .8 230-250 2.0 1.2 1.3 • 2 . 3 (W) 260-280 • 5 5.2 1.7 . 3 11. 3.4 290-310 1.7 3.9 1.0 9. 3.2 320-340 VARIABLE CALM TOTALS 29.2 19.9 . 7 100. TOTAL NUMBER OF OBSERVATIONS 930

N NOITA TU CIT T		CKENBAC	KER ANG	вон			10 OF RE		MAR 79 - S: 03-0		8
	• • • • • • •	DVIK	SPEED IN	KNコTS	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••
10-14	15-19	20-24	25= 29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN OF IM	MEDIAN Chiw
1.5	.2	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	5.2	7.6	8.0
.1									2.0	4.8	4.0
. 4									4.0	5.4	4.0
.6									5.4	5.4	5.0
.5									3.2	4.8	4.0
									4.5	5.0	3.0
1.5									12.9	5.6	5.0
4.0	. 8								13.1	7.7	7.5
1.3	• 2	• 3							5.1	3.3	7.0
3.4	1.7	• 3							11.2	9.9	9.0
3.9	1.0								9.8	9.2	9.0
1.4	• 2	• 1							3.3	8.4	₩•0
	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	• • • • • •	•••••	•••••	• • • • • • •	• • • • • •	• • • • • •
1:11111	//////	//////	///////	//////	///////	///////	///////	///////	19.9	/////	111111
19.9	4.1	.7							100.0	5.9	5.0
10	TAL NUM	BER OF	OBSERVA	TIONS	930						

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS FROM HOURLY OBSERVATIONS

BAMUN NOTTATZ		LS	T TO UT	C: + 5	CKENBACKER AN			MONTH	1: DEC	CORD: HOURS	s: 06
D1860110H (DE38668)					wind SPEED 1 20-24 25-29	N KNOTS					ָר ז
(N) 350-010	1.5	2.5	1.5	• • • • • •	••••••	• • • • • • • •	• • • • • • •	•••••	• • • • • •		5
020-040	2.7	1.0									3 .
051-073	ه ، د	1.5	• *								4
(E) 030-100	1.3	. 3	•6								2
110-130	1.7	.9									2
147-160	4.3	2.5	• *		•1						7.
(5) 170-190	5.9	4.9	2.5	• 3							15
200-220	3.1	5.5	3.4	•5							12
237-257	• 9	1. E	2.5	٠,٠	• 2						7.
(W) 250-280	1.0	4.1	2.9	1.4	• 3						9
290-310	1.3	3.2	2.2	•5							7.
427-347	• "	1.2	1.7								3
VARIABLE	• • • • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • •
CALM	////////	/////	//////	//////	///////////////////////////////////////	1111111	///////	//////	///////	///////	17
THTALS	25.9	33.6	12.2	3.2	• 5						100

TOTAL NUMBER OF OBSERVATIONS 930

0 - 4 - 113

10

T	J	UTC	:	+	5						OH				MC	NTH	: 0	DEC		Н	OUR	s :	06-	80	FEB		
• •	• •	•••	••	• •							CNOTS		• • •	• • •	• • •	• • •	• • •	• • •	• • •	• •	•••	•••	•••	•••	• • • •	•••	••••
1	- 1	4	15	_		-	_		-		30-34										_		OTAI	_	MEAN)	WIND WIND
• •	! .	• • • c,	• •	••	•••	• •	• • • •	• • •	•••	• • •	• • • • •	•••	• • •	•••	•••	•••	• • •	• • •	• • •	••	•••	• • •	5.5		7.1		7.0
																							3.7		3.9	:	3.0
	•	٨																					4.4		5.2		4.0
	•	5																					2.7		5.8	ļ	6.0
																							2.5		4.0	1	4.0
	•	•					• 1																7.5		5.2		4.0
	٠,	•		٠	3																	1	5.5		6.2	•	5.0
	١.	••		•	5																	1	2.5		7.7	,	7.0
	•	F.		•	ń		• 2																7.5		9.1		6.5
	٠.	Ģ		1 •	4		• 3																9.7		9.4	•	8.0
	. •	,		•	5																		7.2		8.4	•	3.0
	۱.	,																					3 • 2		7.6)	7.0
••	• •	•••	••	• •	•••	••	• • •	• • • •	• • •	•••	• • • • •	•••	• • •	• • •	•••	· • •	• • •	• • •	•••	••	•••	• • •	•••	•••	••••	• • •	••••
4	//	///	11.	//	///	//	///	///	///	///	////	///	///	///	///	///	///	////	///	//	///	1	7.6	,	////	///	////
!	•	,		3.	2		• 5															10	0.0		5.8	3	6.0
		Tar	AL	4	UMB	Ε₹	0F	083	ERV	/ A T	IONS	9	30														

C = 4 = 112

OPERATING LOCATION "A" USAFETAC: ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIN FROM HOURLY OBSERVATIONS

STATION NUMBE	, , , , , , , , , , , , , , , , , , , ,	LS	T TO UT	C: + 5	CKENBACKE				MONTH	O OF RE	HOUR	MAR 78 - S: 09-11
••••••					WIND SPE	ED IN	KN312					_
DIRECTION (DEGREES)	1-4	5 -9	10-14	15-19	20-24 2	5 - 29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	1.3	3.2	1.6	-1	••••••	• • • • •	• • • • • • •	• • • • • •	•••••	•••••	•••••	6.2
020-040	1 • 4	1.2	•1									3.1
050-070	3.3	1.6	.1									5.1
(E) 080-100	•9	1.3	• 6	.1								2.9
110-130	1.3	1.5	• 1									2.9
140-160	2.0	2.3	•5	• 1								4.9
(S) 170-190	3.3	8.7	3.8	. 4	• 2							16.5
200-220	2.4	5.3	4.8	1.1	• 2		.1	.1				15.1
230-250	1.4	3.7	3.9	1.2	• 2							10.3
(W) 260-280	1.0	3.5	5.2	1.1	• 4							11.2
290~310	1.0	3.7	2 • 2	• 9								7.5
320-340	. 4	1.4	1 • 1									2.9
VARIABLE	••••••	• • • • •	• • • • • •	•••••	• • • • • • •	••••	• • • • • •	•••••	• • • • • •	•••••	•••••	
CALM	/////////	/////	//////	//////	/////////	////	//////	//////	///////	///////	///////	11.4
TOTALS	20.1	38.4	24.0	4.9	1.0		• 1	.1				100.0
			ro	TAL NUM	3ER OF 08	SERVA	TIONS	930				

C - 4 - 114

د ۶	TO UT	C: + 5		KER ANG			HONTH	: DEC		s: 09-11	t	8
• • •	• • • • • • •	• • • • • • •		PEED IN			• • • • • •		• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
- 3			20-24	25-29	30-34	35-39			GE 65	TOTAL %	WIND	WIND
.2	1.6	.1	•••••	*****	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	6.2	7.6	8.0
	•1									3.1	4.5	4.0
· 5	• I									5.1	4.2	4.0
. 3	•6	.1								2.9	6.8	6.0
•5	•1									2.9	5.4	5.0
. 3	• 5	. 1								4.9	5.9	5.5
. 7	3.8	.4	• 2							16.5	7.7	8.0
3	4.5	1.1	•2		•1	.1				15.1	9.2	9.0
. 7	3.9	1.2	• 2							10.3	9.9	10.0
. 5	5.2	1.1	• 4							11.2	10.3	10.0
• 7	2.?	• 9								7.5	8.7	8.0
.4	1.1									2.9	8.6	9.0
•••	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • •	•••••
///	//////	//////	//////	//////	//////	///////	1111111	///////	1111111	11.4	/////	/////
. 4	24.0	4.9	1.0		•1	.1				100.0	7.2	8.0
				OBSERVA					• • • • • • •			

USAFETAC, ASHE			7 2	CENTAGE	r NC WOL			BSERVATI				1303 W1
STATION NUMBER		LS	ST TO UT	TC: + 5					HONTH	H: DEC	HOUR	RS: 12-1
• • • • • • • • • • • • •												•••••
DIRECTION (DEGREES)	1-4				20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	1.4	2.0	1.7		.1	•••••	,		• • • • • • •			5.6
020-040	1.7	1.5	•2									3.4
050-070	2.2	1.1	. 4									3.7
(E) 080-100	. 3	1.7	• 2									2.3
110-130	1.1	1.3	¥1	• 1								2.6
140-150	2.3	1.9	1.1	•1	• 1							5.5
(5) 170-190	2.8	6.1	4.4	1.0	.1							14.4
200-220	2.9	8.0	5.4	1.8					• 1			13.9
230-250	1.9	4.3	5.9				• 2					14.0
(W) 250-290	1.1	3.1	7.0									13.4
290-310	1.0	2.8			• 1							6.3
320-340	• 5	2.3	1.4	. 3								4.7
VARIABLE	•••••	••••	•••••	•••••	• • • • • •	• • • • • • •	• • • • • • •		· • • • • • • •	,	. • • • • • •	• • • • • •
CALM	/////////	/////	'//////	'///////	//////	///////	//////	///////	(1111111	1//////	///////	4.5
TOTALS	19.2	36.1	29.9	7.5	1.9	•1	• 2		•1			100.0
	DIRECTION (DEGREES) (N) 350-010 020-040 050-070 (E) 080-100 110-130 140-160 (S) 170-190 200-220 230-250 (W) 260-290 290-310 320-340 VARIABLE CALM	DIRECTION (DEGREES) (N) 350-010 1.4 020-040 1.7 050-070 2.2 (E) 080-100 .3 110-130 1.1 140-150 2.3 (S) 170-190 2.8 200-220 2.9 230-250 1.9 (W) 260-280 1.1 290-310 1.0 320-340 .5 VARIABLE CALM ////////	DIRECTION 1-4 5-9 (DEGREES) (N) 350-010 1.4 2.0 020-040 1.7 1.5 050-070 2.2 1.1 1.5 050-070 2.2 1.1 1.3 1.7 110-130 1.1 1.3 1.40-160 2.3 1.9 (S) 170-190 2.8 6.1 200-220 2.9 8.0 230-250 1.9 4.3 (W) 260-280 1.1 3.1 290-310 1.0 2.8 320-340 .5 2.3 VARIABLE CALM ////////////////////////////////////	DIRECTION 1-4 5-9 10-14 (DEGREES) (N) 350-010 1.4 2.0 1.7 020-040 1.7 1.5 .2 050-070 2.2 1.1 .4 (E) 080-100 .3 1.7 .2 110-130 1.1 1.3 .1 140-160 2.3 1.9 1.1 (S) 170-190 2.8 6.1 4.4 200-220 2.9 8.0 5.4 230-250 1.9 4.3 5.9 (W) 260-290 1.1 3.1 7.0 290-310 1.0 2.8 1.9 320-340 .5 2.3 1.6	DIRECTION 1-4 5-9 10-14 15-19 (DEGREES) (N) 350-010 1.4 2.0 1.7 .3 020-040 1.7 1.5 .2 050-070 2.2 1.1 .4 (E) 080-100 .3 1.7 .2 110-130 1.1 1.3 .1 .1 140-160 2.3 1.9 1.1 .1 (S) 170-190 2.8 6.1 4.4 1.0 200-220 2.7 8.0 5.4 1.8 230-250 1.9 4.3 5.9 1.5 (W) 260-290 1.1 3.1 7.0 1.4 290-310 1.0 2.8 1.9 1.0 320-340 .5 2.3 1.6 .3 VARIABLE CALM ////////////////////////////////////	DIRECTION 1-4 5-9 10-14 15-19 20-24 (DEGREES) (N) 350-010 1.4 2.0 1.7 .3 .1 020-040 1.7 1.5 .2 050-070 2.2 1.1 .4 (E) 080-100 .3 1.7 .2 110-130 1.1 1.3 .1 .1 1.1 .1 (S) 170-190 2.8 6.1 4.4 1.0 .1 200-220 2.7 8.0 5.4 1.8 .6 230-250 1.9 4.3 5.9 1.5 .1 (W) 260-290 1.1 3.1 7.0 1.4 .8 290-310 1.0 2.8 1.9 1.0 .1 320-340 .5 2.3 1.6 .3 VARIABLE CALM ////////////////////////////////////	DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 (DIRECTION (DEGREES)) 1.4 2.0 1.7 .3 .1 .1 .1 .1 .1 .1	DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34	ST TO UTC: + 5 WIND SPEED IN KNOTS	LST TO UTC: + 5 MONTH	Californ 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64	CST TO UTC: + 5

UT(C: + 5	CKENBACK				MONTH	: DEC	CORD: HOUR	5: 12-1	4	8
4	15-19	WIND SP 20-24	EED IN :	KNOTS- 30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
7	.3	.1	• • • • • • •	• • • • • •		*****	• • • • • •	• • • • • • •	5.6	8.4	8.0
2								*** *	3.4	4.6	4.5
•									3.7	4.8	4.0
,									2.3	6.6	6.0
ì	• 1								2.6	5.4	5.0
1	•1	• 1							5.5	6.3	5.0
٠.	1.0	•1							14.4	8.2	8.0
•	1.8	• 6				.1			18.8	9.4"	9.0
:	1.5	• 1		• 2					14.0	10.0	10.0
)	1.4	• B	. 1						13.4	11.3	12.0
	1.0	• 1		÷					6.8	9.4	9.0
	.3								4.7	9.2	8.5
•••	• • • • • •	• • • • • •	• • • • • •	• • • • •	•••••	•••••	• • • • • •	•••••	• • • • • •	• • • • • •	•••••
(11	!///////	///////	///////	//////	//////	//////	//////	///////	4.8	/////	/////
,	7.5	1.9	. 1	• 2		. 1			100.0	8.4	8.0
jΤ	AL NUMB	1ER DF 0	BSERVAT	ONS	930						

	USAFETAC, ASH	ILVIEL TO					FROM HO	UNE: OF) J L . (PA) .	1.7.4.3			
	STATION NUMBE	R: 724285	LS	T TO UT	C: + 5		KER ANG	B 5H -		HONTH	: DEC	CORD: HOUR	MAR 78 RS: 15-1
	DIRECTION (DEGREES)	1-4		10-14		WIND S	PEED IN 25-29			49-49		GE 65	TATAL
	(N) 350-010	.6	1.2	1.7	4	•••••	• • • • • •		• • • • • •	• • • • • •	•••••	• • • • • •	4.0
	929-040	2.2	1.9	•1									4.2
	050-070	1.7	1.5	• 3									3.5
•	(E) 090-100	1.3	.9				•						2.2
	110-130	1.3	. 4	.1	.1								1.9
	140-160	2.9	2.4	1.0									6.1
	(S) 170-190	4.0	7.5	3.5	• 2								15.3
	200-220	2.8	5.1	3.0	1.3	• .3							13.5
	230+250	2.6	4.9	5.3	•9	• 1	• 2	• 2					14.2
	(W) 260-280	1.2	4.7	4.8	1.2	• 9	.1						12.9
	290-310	1.1	3.7	2.3	.8	• 2							9.0
	320+340	• 3	2.5	2 • 4	. 4								6.3
	VARIABLE	•••••	••••	•••••	• • • • • • •		•••••	*****	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •
	CALM	///////	/////	//////	//////	//////	///////	//////	//////	///////	//////	(//////	5.2
	TOTALS	22.4	37.7	24.5	5.3	1.5	. 3	. 2					100.0

•

C

ξ.

יי מבל דט כל	AME: RI	CKENBÀCKI	ER ANGE	- HO		HTMOM	DEC		5: 15-17		8
-14	15-19	WIND SPI 20-24			35-39			GE 65		MEAN WIND	MEDIAN WIND
1.7	.4	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	4.0	9.4	10.0
-1									4.2	4.7	4.0
.3					_				3.5	5.1	5.0
!									2.2	4.0	4.0
1.1	•1								1.9	4.8	3.5
1.0									6.1	5.3	5.0
3.5	• 2								15.3	7.1	7.0
3.0	1.3	• ,3							13.5	8.5	8.0
jh.3	•9	•1	• 2	• 2					14.2	9.3	9.0
4.5	1.2	• 9	• 1						12.9	10.5	10.0
7.3	• 3	• 2							8.0	9.0	8.0
. 4	. 4								6.0	8.8	8.0
	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •
! !///	///////	///////	//////	//////	//////	//////	//////	1111111	8.2	/////	/////
1.5	5.3	1.5	. 3	. 2					100.0	7.5	8.0
.] [To	TAL NUM	BER OF O	BSERVAT	IONS	930	•••••		• • • • • • •			

C - 4 - 116

	FETAC, ASHE		_				FROM HO		3				
STA	TION NUMBER	- , -	Ĺ	וט מד דמ	rc: + 5		CKER ANG			MONTH	: DEC		S: 13
• • •	• • • • • • • • • • •	• • • • • •			-	WIND !	PEED IN	KNOTS				• • • • • • •	• • • • •
	DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	101 1
	350-010	1.0	1.9	1.1	.2	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	4.
	020-040	2.3	1.3	• 1					÷				3.
	050-070	1.9	1.1	• 3	M								3.
(E)	080-100	2.3	•6	•1									3.
	110-130	2.0	. 3	. 3	.1								2.
	140-160	4.0	2.3	• 9									7.
(5)	170-190	4.9	5.1	1 • 4	.5	. 1							12.
	200-220	4.3	4.4	2.2	• 4	• .1	. 1						11.
	230-250	2.5	4.3	1.7	• 3	. 3	• 2						9.
(W)	260-290	2.5	4.5	3.8	• 9	•1							11.
	290-310	2.5	4.0	2.5	. 5	.3				•			9.
	320-340	1.0	2.6	• 9	• 4	• 2							5.
•••	VARIABLE	• • • • • •	• • • • • •	••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	•••••	• • • • • • •	• • • • •
	CALM	///////	(/////	//////	//////	//////	///////	//////	//////	//////	//////	///////	16.
	TOTALS	31.3	32.5	15.0	3.4	1.1	. 3						100.

•

ŧ

	AME: RI	CKENSACK	ER ANG	в Эн		MONTH	: DEC	CORD: 1	5: 19-2		8
4	15-19	WIND SF 20-24								MEAN WIND	MEDIAN ONIW
1	.2	• • • • • • •	•••••	• • • • • •	****	• • • • • •	• • • • • • •		4.2	7.2	7.0
1									3.7	4.6	4.0
3									3.3	4.7	4.0
1									3.0	4.2	4.0
;	•1								2.8	49-	4.0
٠.									7.1	4.9	4.0
4.	.5	. 1							12.2	6.3	5.0
	. 4	. 1	• 1						11.5	7.0	6.0
7	• 3	.3	• 2						9,4	8.1	7.0
2	•9	.1							11.3	3.5	8.0
,	• 5	. 3							9.6	8.0	7.0
	• 4	• 2							5.1	8.5	8.0
ļ	• • • • • •			• • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •
//	///////		111111	/////	///////	//////	//////	//////	16.5	/////	/////
1	3.4	1.1	.3						100.0	5.8	6.0
10	TAL NUM	BER OF O	3SERVA1	TIONS	930	• • • • • •	•••••	•••••	•••••	• • • • • •	• • • • • •

ı

)

•	STATION NUMBER	ST LS	STATION NAME: RICKENBACKER ANGB OH LST TO UTC: + 5					PERIOD OF RECORD: M MONTH: DEC HOURS					
	DIRECTION (DEGREES)	1-4	5-9			WIND S	SPEED IN	N KNOTS 30-34			50-64	GE 65	5 5
	(N) 350-010	1.1	2.6	1.4	1			•••••		, 	•••••	••••	, • •
	020-040	178	·• 3-	1									
	050-070	2.7	1.7	. 8									
	(E) 090-100	1.6	1.9	•1									
	110-130	1.6	•2	• 1									
	140-150	3.7	2.5	1.0	.3								
	(S) 170-190	4.3	4.3	1.2	.1	•1							
	200-220	4.2	4.1	3.0	. 4	• 2							
	230-250	2.5	3.0	1.4	. 4	• 2							
	(W) 260-250	2.7	3.5	4.1	1.4	.4							
	290-310	1.9	2.7	2.9	. 4	• 2							
	320-340	1.2	1 • 4	1.2	1.0								
	VARIABLE	•••••		•••••	•••••	•••••	•••••	•••••			•••••	• • • • • •	. •
	CALM	/////////	/////	//////	1111111	7//////	///////	///////	!!!!!!!	,,,,,,,,	111111	/////	//
	TOTALS	29.7	28.7	17.3	4.1	1.2							

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

	IAMET RI	CKENBÁCK	ER ANG	в Эн		PERIO MONTH	D OF RE		MAR 78 - S: 21-23		8
-14	15-19	WIND SP 20-24			35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
1.4	.1	.1	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	•••••	5.3	7.4	7.0
. 1									2.7	3.8	4.0
, R									5.2	5.3	4.0
•1									3.7	5.1	5.0
• 1									1.9	3.8	3.0
1.0	. 3								7.4	5.6	5.0
1.2	•1	.1							10.5	5.9	5.0
3.0	. 4	• 2							11.9	7.2	6.0
1.4	. 4	• 2							7.5	7.4	6.0
4.1	1.4	. 4							12.2	9.3	9.0
٠.,	• 4	• 2							8.1	₹.6	8.0
1.2	1.0								4.7	9.1	8.0
• • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	• • • • • •	• • • • • • •	•••••	• • • • • •
1111	//////	///////	//////	//////	1111111	//////	//////	!!!!!!!	18.9	/////	/////
7 . 5	4.1	1.2							100.0	5.7	6.0
10	TAL NUM	BER OF O	BSERVAT	rions	930						

C.T.	ATION MANORE	. 30, 205											
21.6	ATION NUMBER	724287		TATION N TU OT T		CKENBAL	KER ANG	/B TUH			D OF RI	ECORD: HOU!	MAR RS: Ai
•••		• • • • • • • •					SPEED IN			• • • • • •	• • • • • •	• • • • • • •	• • • • •
	DIRECTION		5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TO
• • •	(DEGREES)	• • • • • • • • •	• • • • •								• • • • • •	• • • • • •	• • • • •
(N)	350-010	1.1	2.2	1.5	.2				•••••		• • • • • •	• • • • • •	5
	020-040	1.9	1.1	- 1	•								3
	050-070	2.3	1.4	•5									4
(E)	080-100	1.5	1.4	. 4	•0			-					3
	110-130	1.6	. 7	• 2	.0								2
	140-160	3.1	2.1	• 9	•1	• 0							5
(5)	170-190	4.6	6.1	2.6	.3	. 1							13
	200-220	3.4	5.4	3.6	.9	• 2	• 0	•0	• 0	•0			13
	230-250	1.3	3.7	2.9	. 7	• 2	•1	•1					9
(H)	260-230	1.4	4.0	4.4	1.3	. 4	• 0						11
	290-310	1.5	3.2	2.4	.8	•1							9
	320-340	• ð	1.7	1.5	. 3	. 3							4
•••	VARIABLE	• • • • • • • •	• • • • •	• • • • • • •	•••••	•••••	•••••	• • • • • •	• • • • • •	•••••	•••••	• • • • • •	••••
	CALM	/////////	11111	//////	//////	//////	//////	///////	//////	///////	//////	//////	/ 14
	TOTALS	25.0	33.0	21.0	4.5	1.0	.1	•1					100

•

TO U	TC: + 5	CKENBACK				MONTH	: DEC		S: ALL		
)-14	15-19	WIND SP 20-24	25-29 3	NDTS 0-34	 35 -3 9	40-49	50-64	GE 55	TOTAL	MEAN	
• • • • !		• • • • • • •			• • • • •	•••••		• • • • • • •	v,	GNIW	MIND
1.5	.2	•0	• • • • • • •	•••••		• • • • • •	• • • • • •		5.0	7.8	8.0
• ì			,						3.2	4.4	4.0
.5					17-				4.3	5 • 1	4.0
. 4	.0								3.2	5.5	5.0
. 2	.0								2.6	4.7	4.0
. 9	• 1	•0							5.1	5.5	4.0
2.6	.3	• 1							13.7	6.7	6.0
3.0	. 9	• 2	• 0	•0	• 0	• 0			13.6	d • 1	7.0
2.4	. 7	• 2	• 1	• 1					9.4	9.0	8.0
4.4	1.3	. 4	• 0						11.6	9.9	10.0
2.4	. 4	. 1							8 • 1	8.8	5.0
1.5	. 3	. 0		-					4.4	8.7	9.0
• • • •	• • • • • • •	•••••	•••••	• • • • • •	• • • • •	•••••	• • • • • •	•••••	•••••	• • • • • •	• • • • • •
////	///////	/////////	////////	/////	//////	///////	//////	///////	14.8	/////	111111
21.0	4.6	1.0	.1	•1					100.0	6.5	7,0
	_	BER OF C				• • • • • • •					

. 1.

OPERATING LOG			PERC	ENTAGE	FREQUI				ICE SURF		ID DIREC	ev ncit:	ersus w
STATION NUMBI	E9: 724285		ATTON N.		ICKENB	ACKER	ANGE	04			OD OF RE	CORD: HOUR	MAR 78 RS: ALL
• • • • • • • • • • • • •	• • • • • • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • •	• • • • • •		• • • • • •	•••••	• • • • • •	•••••
CATEGORY A:	SETUTIVE SE	200	BUT LES	S THAN		FEET	WITH	VISIB	SILITY G	E 1/2 W	ILE (04	100 METE	95).
	VISIBILITY	r GE 1.	/2 MILE			ន) ខ្សា	T LES	S THAN	3 MILE	S (4800	METERS	HTIW (CFILIN
• • • • • • • • • • • • •	• • • • • • • • • •	•••••	• • • • • • •	• • • • • •				KNOTS	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	*****
DIRECTION	=		10-14						35+37	40-49	50-64	SE 65	TOTAL
(DEGREES)	• • • • • • • • • •	• • • • •	• • • • • • •	• • • • • •		• • • • •	• • • • •	••••		• • • • • •	• • • • • • •	•••••	27
(N) 350-010	1.4	6.7	2.3	.3	• • • • • •	• • • •	• • • • •	• • • • •		• • • • • •	• • • • • •	• • • • • •	10.6
020-040	1.9	2.9	• 2										4.7
050-070	1.9	2 • 2	• 3										4.5
(E) 080-100	1.5	2.0	. 7										4.3
110-130	2.4	· • · · · · · · · · · · · · · · · · · ·	.3										3.5
140-160	3.1	3.0	1.5	• 1									7.7
(5) 170-190	4 • 4	4.3	2.4	. 4									12.0
200-220	3.3	4.1	1.1	• 1									8.6
?30+250	1.2	2.3	1.9	• 6	•	!	• 2						5.2
(W) 260-230	1.2	4.3	3.0	1.0	• -	2	• 2						9.8
290-310	1.3	3.5	3.0	• 2									۹.4
320-340	1.1	2.5	2.5	1.1									7.3
VARIABLE	• • • • • • • • •	•••••	• • • • • •	• • • • • •	• • • • •	••••	• • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • •	•••••
CALM	/////////	/////	//////	//////	/////	////	////	111111	1111111	//////	///////	1111111	11.5
TUTALS	25+2	39.2	19.8	3.8	• 3	3	. 4						100.0
			101	FAL NUM	13ER OF	085	ERVAT	LONS	1326				

propagation and the first section of the section of

O SERVICENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED. FROM HOURLY OBSERVATIONS

TIN NAME: RICKENBACKER ANGB DH PERIOD OF RECORD: MAR 78 - FEB 88 MONTH: DEC HOURS: ALL

↓ L-SS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS). PELGNA

AND/UK
SE MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.
WIND SPEED IN KNOTS

МЕ	1-14	15-19	20-24	25-29	30-34	35-37	49-49	50-64	SE 65	TOTAL	MEAN	MEDIAN
#In		•••••	• • • • • • •	• • • • • •	• • • • • •	•••••	•••••	• • • • • •	•••••	* * * * * * * * * * * * * * * * * * *	WIND	MIND
7.	3.3	.3	•••••	• • • • • •	• • • • • •	•••••	• • • • • • •	•••••	•••••	10.6	7.7	8.0
≂ .	• 2									4.3	5.2	5.0
٠,٠	. 4									4.8	5.1	6.0
5.	.7									4.3	5.9	5.0
4.	<u>'</u>									3.5	4.3	4.0
5.	1.5	• 1								7.7	6.2	6.0
ა.	, . <i>.</i>	• 4								12.0	6.6	6.0
5.	1.1	• 1								8.6	5.9	6.0
•	1.1	• 5	• 1	• 2						6.2	9.1	მ•0
?.	3.0	1.0	• 2	• 2						9.8	9.4	8.0
٠,	1.7	• ?								R . 4	8.1	3.0
n.		1.1								7.3	9.2	9.0
• • •		• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •
///	1111	1111111	///////	11////	//////	///////	//////	//////	//////	11.3	/////	/////

5.41. 100.0 6.4

TUTAL NUMBER OF OBSERVATIONS 1326

OPERATING LOCATION MAN USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND FROM HOURLY OBSERVATIONS

R: 724285	LS	st to ut	TC: + 5					HONTH	1: ALL	HOUR	S: ALL
• • • • • • • • •				WIND S	SPEED IN	E KNOTS					• • • • • •
1-4											TOTAL
* * * * * * * * * * * * * * * * * * * *							-	=			*
2.2	3.0	1.5	.2		.0		•••••		•••••	• • • • • • •	7.0
2.9	2.2	. 7	. 1	•0							5.9
3 • 2	2.4	. 7	• 1	• 0							6.4
1.9	1.3	. 4	• 0	-							3.7
1.7	• 9	• 2	• 0								2.3
2.8	1.9	. 5	. 1	• 0	•0						5.2
۳.0	4.5	1.5	• 2	•0	• 0						11.1
3.5	4.7	2.5	•5	. 1	• 0	•0	٥.	• 0			11.3
1 + 8	3.2	2.2	• 6	. 1	• 0	. 0					7.9
1.5	3.0	2.3	.7	• 2	•0	•0					7.7
1.5	2.7	1.9	• 5	.1	• 0						6.7
1.2	2.1	1.5	• 3	• 0							5.1
• • • • • • • • •	, 	•••••	•••••		• • • • • • •	• • • • • •	• • • • • •	• • • • • • •			. • • • • • • • • • • • • • • • • • • •
////////	/////	1111111	///////	'///////	1111111	//////	1111111	'///////	'//////	///////	19.1
29.3	31.3	15.9	3.3	•5							100.0
	1-4 2.2 2.9 3.2 1.9 1.7 2.8 5.0 2.5 1.8 1.5 1.5 1.7	1-4 5-9 2.2 3.0 2.9 2.2 3.2 2.4 1.9 1.3 1.7 .9 2.8 1.9 5.0 4.5 2.5 4.7 1.8 3.2 1.5 3.0 1.5 2.7 1.2 2.1	LST TQ UT 1-4	LST TO UTC: + 5 1-4	LST TO UTC: + 5 1-4	LST TO UTC: + 5 WIND SPEED IN 1-4 5-9 10-14 15-19 20-24 25-29 2.2 3.0 1.5 .2 .0 .0 2.9 2.2 .7 .1 .0 3.2 2.4 .7 .1 .0 1.9 1.3 .4 .0 1.7 .9 .2 .0 2.8 1.9 .5 .1 .0 .0 5.0 4.5 1.5 .2 .0 .0 2.5 4.7 2.5 .5 .1 .0 1.8 3.2 2.2 .6 .1 .0 1.5 3.0 2.3 .7 .2 .0 1.5 2.7 1.9 .5 .1 .0 1.2 2.1 1.5 .3 .0	1-4 5-9 10-14 15-19 20-24 25-29 30-34 2.2 3.0 1.5 .2 .0 .0 .0 .0 2.9 2.2 .7 .1 .0 3.2 2.4 .7 .1 .0 1.7 .9 .2 .0 2.8 1.9 .5 .1 .0 .0 5.0 4.5 1.5 .2 .0 .0 1.8 3.2 2.2 .6 .1 .0 .0 1.5 3.0 2.3 .7 .2 .0 .0 1.5 2.7 1.9 .5 .1 .0 1.2 2.1 1.5 .3 .0	LST TO UTC: + 5 1-4	LST TO UTC: + 5	LST TO UTC: + 5	LST TQ UTC: + 5 WIND SPEED IN KNDTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-54 GE 65 2.2 3.0 1.5 .2 .0 .0 .0 2.9 2.2 .7 .1 .0 3.2 2.4 .7 .1 .0 1.9 1.3 .4 .0 1.7 .9 .2 .0 2.8 1.9 .5 .1 .0 .0 5.0 4.5 1.5 .2 .0 .0 2.5 4.7 2.5 .5 .1 .0 .0 1.8 3.2 2.2 .6 .1 .0 .0 1.5 3.0 2.3 .7 .2 .0 .0 1.5 2.7 1.9 .5 .1 .0 1.7 .9 .2 .0 .0 1.8 3.2 2.2 .6 .1 .0 .0

0 - 4 - 121

PCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

ŀ

-

April 4 . St

ίŢ	C: + 5					HINDM	: ALL	HOUR	MAR 78 - S: ALL		8 -
t		WIND S	PEED IN 25-29	KNOTS 30-34	35-39	* *			TOTAL		MEDIAN
•••	• • • • • •		• • • • • •	• • • • • •	• • • • • •	•••••	•••••	•••••	% .	GNIW	WIND
'• • '5 	.2	.0	.0	.0	• • • • • •	•••••	•••••	•••••	7.0	6.9	6.0
17	•1	•0							5.9	5.4	4.0
7	•1	•0							6.4	5.3	4.0
٠.	• 0								3.7	5.2	4.0
,	• 0								2.8	4.5	4.0
1:	.1	•0	•0						5.2	5.2	4.0
	• 2	• 0	.0						11.1	5.9	5.0
	• 5	• 1	• 2	• 0	•9	٠٥			11.3	7.3	5.0
,	• 6	. 1	.0	.0					7.9	8.5	8.0
1	.7	• 2	.0	•0	_			,	7.7	8.9	8.0
	• 5	. 1	• 0						6.7	9.3	8.0
	• 3	.0							5.1	7.8	8.0
••	•••••	•••••	• • • • • • •			•••••	•••••	••••••	• • • • • • •	• • • • • •	•••••
//	//////	///////	//////	//////	//////	///////	//////	1111111	19.1	/////	/////
ì	3.3	• 5							100.0	5.5	6.0
1.		BED OF				• • • • • •					•••••

c - 4 - 121

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WI OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS PERIOD OF RECORD: MAR 78 STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH LST TO UTC: + 5 MONTH: ALL HOURS: ALL' CATEGORY A: CFILING SE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GF 1/2 MILE (0800 METERS). AND/OR VISIBILITY GE 1/2 MILE (0900 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 DIRECTION (DEGREES) (N) 350-010 10.8 4.4 020-040 2.0 3.2 1.0 . 2 .0 050-070 2.7 . 9 . 2 .0 3.0 4.5 (E) 080-100 2.1 1.3 .6 • 0 3.1 1.0 110-130 • 2 1.1 140-150 • 5 4.2 2.2 1.5 • 0 • 0 (S) 170-190 4.2 1.5 • 2 .0 10.3 9.7 • 2 200-220 1.7 .0 7.0 230-250 1.6 • 5 . 1 .0 7.2 (W) 250-250 2.9 2.1 • 2 . າ 290-310 .0 2.5 1.7 • 1 5.3 320-340 1.9 . 1 1.2 2.5 VARIABLE CALII TOTALS 100.0 17.0 3.3 25.5 34.8 . 6

TOTAL NUMBER OF OBSERVATIONS: 10680

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STION NAME: RICKENBACKER ANGB OH

TJ UT	C: + 5	ICKENBAC!				MONTH	: ALL	HBU	RS: ALL		
IT LES	S THAN 30000A 30080)	1500 FE	EET WITH	VISIE	ILITY G	F 1/2 M	ILE (086	OO MET	FRS). CEILING	GE 200	FEET.
10-14	15-19	WIND SI 20-24	PEED IN 25-29	KNOTS 30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
• • • • • •									* * * * * * * * * * * * * * * * * * *	GNIW	MIND
3.4		-1			• • • • • •	•••••	• • • • • • •	• • • • •	10.8		
1.0	• 2	. 9							6.4	6.5	6.0
• a	• 2	· 0							6.6	6.0	5.0
.6	• 0								4.5	5.6	5.0
• 2									3.1	4.9	4.0
• 5	• 0	• 0							4.2	5•2	4.0
1.5	• 2	.0							10.3	5.9	5.0
1.7	• 2	•0							9.7	5.4	6.0
1.5	• 5	• 1	•0						7.0	3.1	7.0
2.1	• 5	• 2	.0						7.2	8.9	8.0
1.7	. 4	• 1	•0						6.2	3.5	9.0
1.4	• 4	•1							5.3	8.6	8.0
• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • •	• • • • • •
//////	/////	////////	///////	/////	///////	//////	//////	/////	/ 17.6	/////	/////
17.0	3.3	• 6							100.0	5.8	6.0
		MBER OF C									

C - 4 - 122

- 1

PERIOD OF RECORD: MAR 78 - FEB 88

- ppppppp	>	444	AAA	**************************************	RRRR	TTTTTTTT	00000	ייי סס
deddedd	pp	4444	ΔΔΔΔ	RRRR	रहरदर	**********	000000	000
PΡ	PΡ	AΔ	AΔ	RR	RR	ΓT	QQ	DO
OD	pp	AA	AA	· RR	RR	TT	00	00
pppppppp	pρ	AA	AA	RRRRI	RRRRR	11	00	00
dadadad	•			RRRR	RRR	ŢΤ	00	00
- pp		AAAAA	ΔΔΔΔΔ		28	TT	00	כפ
po		ДД	ДΔ	RR	RR	ττ	ממ	כם
pp		AA	AA	RR	RR	11	adadac	פפס
pp		ДД	AA	RR	े एर	7.7	ממסממת	ססס

and the second of the second o

and the second s

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISTBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET--MNO CEILING* IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

- NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS #9999.**
- NUTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.
- CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES. FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.
- SKY COVER--PERCENT OCCURRENCE FREQUENCY.

 ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE
 OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT
 AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURRED, OR TOTALLY
 OPSCURRED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES
 POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE
 SAME AS FOR PREVIOUS TABLE.
- NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NUTE 2. ATRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS," HOWEVER, ARE INCLUDED.

OPERATING COCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

STATION N	IUMBER:		LST	יסדט פד	+ 5					HONTH:		HOURS: 0	
CEILING	• • • • • •	• • • • • • •	•••••	• • • • • • •				STATUTE		• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •
IN	C.E	36	GE	GΞ	GE '	GE	GE	SE	GE	GE	GE	GE	GE
FEET	7	96 5	5 S	4	3	2 1/2	2		1 1/4		3/4	5/8	1/2
												,,,,,	
					• • • • • • • •	, , , , , , ,						•••••	
NO CEIL	31.8	32.5	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 20000	34.4	35.4	35.7	36.0	36.0	36.0	36.0	36.0	36.0	35.0	36.0	36.0	36.0
SE 19000	34.4	35.4	35.7	36.0	36.0	36.0	36.0	35.0	36.0	36.0	36.0	36.0	35.0
GE 16000	34.4	35.4	35.7	36.0	35.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 14000	34.4	35.4	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 12000	34.5	35.5	35.3	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
				• • •									
GE 10000	37.5	19.5	39.0	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
SE 9000	3A . 2	37.1	39.8	40.1	40.1	40 • 1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 8000	41.3	42.3	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 7000	41.3	42.8	43.4	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 6000	42.4	43.3	44.0	44.5	44.3	44.8	44.8	44.3	44.8	44.3	44.8	44.8	44.8
SE 5000	44.0	45.9	45.6	47.2	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5
SE 4500	47.0	49.2	49.9	49.5	43.7	49.7	49.7	49.8	49.8	49.8	49.8	49.9	49.8
GE 4000	47.2	50.4	51.4	52.2	52.6	52.6	52.6	52.8	52.9	52.9	52.9	52.9	52.9
GE 3500	52.7	54.0	55.1	55.8	56.6	56.6	56.6	56.8	57.1	57.1	57.1	57.1	57.1
GE 3000	56.3	57.8	59.2	60.3	61.3	61.3	61.5	61.7	62.0	62.0	62.0	62.0	62.0
		•											
00 2500	61.2	53.3	55.3	63.1	69.3	59.8	70.0	70.2	70.6	70.6	70.5	70.6	79.5
GE 2000	65.6	67.7	71.8	73.7	75.9	76.1	75.6	76.8	77.2	77.2	77.2	77.2	77.2
SE 1800	65.5	58.B	72.9	74.3	77.4	77.6	78.2	78.4	78.8	78.8	78.8	78.8	78.9
GE 1500	69.2	71.9	76.7	79.5	83.1	83.5	84.6	95.2	85.6	85.7	85.7	95 .7	85.7
GE 1200	70.0	72.9	79.6	92.2	86.1	86.8	88.4	89.0	89.5	89.7	89.8	89.8	89.6
35 1000	70.2	73.3	79.5	83.4	87.7	88.6	91.0	91.7	92.2	92.5	92.7	92.7	92.7
SF 300	70.2	73.3	79.5	83.7	83.0	88.8	91.2	91.9	92.4	92.7	92.9	92.9	92.9
SF 800	70.4	73.5	79.9	84.4	89.1	90.0	92.6	93.3	93.9	94.2	94.7	94.7	94.7
GE 700	70.5	73.9	80.2	84.8	89.7	90.9	94.0	94.7	95.5	95.3	96.3	96.3	96.3
GE 500	70.6	73.9	30.2	84.8	89.8	91.0	94.2	95.4	96.1	96.5	97.2	97.2	97.2
35 500	70.5	73.9	30 • 2	84.3	39.8	91.0	95.3	96.5	77.2	97.7	93.4	98.4	98.4
3E 400	70.6	73.9	30.2	34.8	99.8	91.0	95.5	97.2	98.0	98.5	99.5	99.5	99.5
GE 300	70.5	73.9	30 • 2	84.3	89.8	91.0	95.6	97.4	98.2	98.7	99.7	99.7	99.9
GE 200	70.6	73.9	ಕ0.2	84.8	89.3	91.0	95.6	97.4	98.2	98.7	99.7	99.7	99.9
GE 100	70.6	73.9	80.2	84.8	89.8	91.0	95.6	97.4	98.2	98.7	99.7	99.7	99.9
SE 000	70.6	73.9	30.2	94.3	89.8	91.0	95.6	97.4	93.2	98.7	99.7	99.7	99.9
		· /• /		, , , , ,	9749	71.41	7,3,9	71 47	73.4	701	77,1	7701	77.7

TOTAL NUMBER OF OBSERVATIONS 930

FROM HOURLY OBSERVATIONS

TON NAM	-	KENBÀCKE	R ANGB	DH:		PERIOD MONTH:		DRD: M HOURS: (FEB 88	· · · · ·	
• • • • • •		VISIBILI	TY IN	STATUTE	MILES	• • • • • •	• • • • •		• • • • • •	• • • • • •	• • • • • •	•••••
GE	GE	GE	SE	SE	GE	GE	GE	GE	GE	GE	GE	GE
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •
33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
36.0	36.0	36.0	35.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
35.0	36.0	36.0	36.0	35.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
36.0	35.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	35.0	36.0	36.0	36.0
35.0	35.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
35.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
43.8	43.8	43.9	43.8	43.8	43.8	43.B	43.8	43.8	43.8	43.8	43.8	43.8
44.5	44.8	44.8	44.8	44.8	44.8	44.3	44.8	44.8	44.8	44.8	44.8	44.8
47.2	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
49.5	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.3
52.2	52.6	52.6	52.6	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
55.8	56.6	56.6	56.6	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
60.3	61.3	61.3	61.5	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
63.1	59.3	59.8	70.0	70.2	79.5	70.6	70.6	70.6	79.5	70.5	70.6	70.6
73.7	75.9	76.1	75.6	75.A	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
74.3	77.4	77.6	78.2	78.4	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8
74.5	33.1	93.5	84.6	85.2	85.6	85.7	85.7	95.7	85.7	85.7	85.7	85.7
42.2	36.1	86.8	88.4	89.0	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8
-3.4	97.7	88.6	91.0	91.7	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7
3.7	33.0	88.8	91.2	91.9	22.4	92.7	92.9	92.9	92.9	92.9	92.9	92.9
14.4	89.1	90.0	92.6	93.3	93.9	94.2	94.7	94.7	94.7	94.7	94.7	94.7
34.8	89.7	90.9	94.0	94.7	95.5	95.8	96.3	96.3	96.3	96.3	96.3	96.3
34.8	89.8	91.0	94.2	95.4	96.1	96.5	97.2	97.2	97.2	97.2	97.2	97.2
-4.3	39.8	91.0	95.3	95.5	27.2	07.7	00 /	98.4		98.4	98.4	98.4
74.3	97.8	91.0	95.5	97.2	97•2 98•0	97 .7 98 . 5	98.4 99.5	99.5	98.4 99.5	99.6	99.6	99.6
44.3	37.5 37.5	91.0	95.6	97.4	98.2	98.7	99.7	99.7	99.9	99.9	99.9	99.9
44.4	39.3	91.0	95.6	97.4	98.2	98.7	99.7	99.7	99.9	99.9	99.9	99.9
34.5	87.8	91.0	95.6	97.4	98.2	98.7	99.7	99.7	99.9	99.9	100.0	100.0
44.3	39.8	91.0	95.6	97.4	23.2	98.7	99.7	99.7	99.9	99.9	100.0	100.0

DPEMATING LÜCATION MAM USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CLICING VERSUS VISIBI FROM HOURLY OBSERVATIONS

STA	ATION	NUMBERT	724285		AAN NOIT	_	KENBACKE	R ANGB	Эн		PERIOD MONTH:	OF REC	CORD: M HOURS:	MAR 78 03-05
CEI		• • • • • • •	• • • • • • •			•••••	VISIBILI							• • • • • •
	ILING In	g n	GE	cc			GE A12181F1	SE	GE	GE			C.E.	GE
	-	- 3 ½ 7		GE	G 5	SE						GE 3/4	SE 5/9	
۶	EET		6	5	4	3	2 1/2	2		1 1/4		3/4	5/8	177
•••		• • • • • • •	• • • • • • • •	• • • • • • •	,	• • • • • • •	• • • • • • •		• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	, • • • • • • • • • • • • • • • • • • •	,
NO	CEIL	29.6	29.8	30.4	30.9	31.3	31.5	31.6	31.7	31.7	31.7	31.7	31.7	31
GE	20000	31.2	31.5	32.2	32.7	33.1	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.
GE	19000		31.5	32.2	32.7	33.1	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.
GE	16000		31.5	32.2		33.1	33.3	33.4	33.5	33.5	33.5	33.5	33.5	
	14000		32.0	32.9	33.4	33.9	34.1	34.2	34.3	34.3	34.3	34.3		
-	12000		32.7	33.5	34.1	34.5	34.7	34.8	34.9	34.9	34.9	34.9		
GE	10000	34.3	35.4	36.2	35.8	37.2	37.4	37.5	37.5	37.5	37.6	37.6	37.6	37
SF	9000	35.3	35.9	36.7	37.2	37.6	37.8	38.0	38.1	38.1	38.1	38.1	38.1	38.
GE	9200	39.3	38.9	39.8	40.3	40.8	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.
GF	7000	39.4	39.0	39.9	40.4	40.9	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41
GE	6000	38.6	39.2	40.3	41.2	41.8	42.0	42.2	42.4	42.4	42.4	42.4	42.4	42
GE	5000	41.8	42.7	43.8	44.9	45.5	45.9	46.0	46.3	46.3	45.3	46.3	45.3	45
SE	4500	44.4	45.4	46.6	47.8	48.7	49.0	49.1	49.5	49.5	49.5	49.5	49.5	
GE	4000	46.5	47.5	43.8	50.4	51.3	51.6	51.7	52.2	52.2	52.2	52.2	52.2	52.
GE	3500	49.7	51.2	52.5	54.1	55.2	55.5	55.6	56.0	56.1	56.1	56.1	56.1	56
GE	3000	53.9	55.4	57.2	58.8	60.0	60.3	60.4	60.9	61.0	61.0	61.0	61.0	61
						-								,
GE	2500	59.0	50.9	53.B	66.1	67.7	68.1	68.3	68.7	63.8	68.3	68.8	68.8	53
GE.	5000	63.2	45.5	54.3	71.3	74.0	74.3	74.7	75.3	75.4	75.4	75.4	75.4	75
SE	1900	64.3	56.8	70.3	73.5	75.1	76.5	76.9	77.4	77.5	77.5	77.5	77.5	77
ĢĒ	1500	66.9	59.5	73.4	78.3	81.3	81.6	82.6	83.2	33.4	93.4	83.4	83.4	83
GE	1200	68.7	71.9	76.6	81.8	85.4	85.7	87.5	88.5	88.8	88.9	88.9	89.0	89
					-									7
GE	1000		72.7	77.5	32.9	37.0	37.4	90.0	91.0	91.4	91.6	91.6	91.7	
GE	900	69.5	72.9	77.7	83.2	37.5	88.0	90.5	91.6	92.0	92.3	92.4	92.5	92
GE	800	69.7	73.1	78.4	84.3	88.9	89.7	92.3	93.4	94.0	94.2	94.5	94.6	94
ÇE	700	69.8	73.2	79.5	84.6	39.5	90.5	93.2	94.4	94.9	95.2	95.5	95.6	95
GE	500	69.3	73.2	78.3	84.9	89.9	91.2	94.3	95.6	96.1	96.3	97.3	97.4	97
														,
GE	500) 69. 3	73.2	73.8	84.9	89.9	91.2	95.1	96.3	96.9	97.6	98.2	98.3	93
Ç.E	400		73.2	78.8	84.9	89.9	91.2	95.5	96.9	97.4	78.2	98.9	98.9	
SE	300	69.3	73.2	78.8	94.9	89.9	91.2	95.5	95.9	97.4	98.2	99.0	99.1	99
GE	200	69.3	73.2	73.8	84.9	39.9	91.2	95.6	96.9	97.4	98.3	99.1	99.2	99
GE	100	69.3	73.2	78.8	84.9	89.9	91.2	95.6	96.9	97.4	99.3	99.1	99.2	99
ψĖ	000) 69 _• 9	73.2	73.9	84.9	89.9	91.2	95.5		97.4	98.3	99.1	99.2	90
• • •							• • • • • • •		• • • • • • •			• • • • •	• • • • • • •	

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

ATTON NAT		KENBACKE		-	-	MONTH:		ORD: M HOURS:		FE8 88		
• • • • • • •		VISIBILI		• • • • • • • • • • • • • • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •		• • • • • •
GE	SE	GE	SE	SE	GE	GE	GE	GE	GE	GE	GE	GE
4	3	2 1/2	. 2		1 1/4		3/4	5/8	1/2	3/8	1/4	0
			*****		• • • • • •	• • • • • •		• • • • • •			•••••	•••••
30.9	31.3	31.5	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.9
32.7	33.1	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.8
32.7	33.1	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.8
32.7	33.1	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.8
33.4	33.9	34.1	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.4	34.5
34.1	34.5	34.7	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.1	35.2
35∙მ	37.2	37.4	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.7	37.8
37.2	37.5	37.8	38.0	38.1	38.1	38.1	38.1	38.1	39.1	33.1	38.2	38.3
40.3	40.8	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.3	41.4
40.4	40.9	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.4	41.5
41.2	41.8	42.0	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.6
44.9	45.5	45.9	46.0	46.3	46.3	45.3	46.3	45.3	45.3	46.3	46.5	46.5
47.3	48.7	49.0	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.7
50.4	5t.3	51.6	51.7	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.4	7.5
54.1	55.2	55.5	55.6	56.0	56.1	56.1	56.1	56 .l	56.2	56.2	56.3	56.5
59.8	60.0	60.3	60.4	60.9	61.0	61.0	61.0	61.0	61.1	61.1	61.2	61.3
50.1	67.7	68.1	68.3	68.7	63.8	69.3	68.8	68.8	63.9	68.9	69.0	69.1
71.3	74.0	74.3	74.7	75.3	75.4	75.4	75.4	75.4	75.5	75.5	75.6	75.7
73.5	75.1	76.5	76.9	77.4	77.5	77.5	77.5	77.5	77.6	77.5	77.7	77.8
72.3	81.3	81.6	82.5	83.2	83.4	83.4	83.4	83.4	83.5	83.5	83.7	83.8
51. 8	35.4	85.7	87.5	88.5	83.8	88.9	88.9	89.0	89.1	89.1	89.2	89.4
32.9	37.0	37.4	90.0	91.0	91.4	91.5	91.6	91.7	91.8	91.8	91.9	92.0
43.2	37.5	88.0	90.5	91.6	92.0	72.3	92.4	92.5	92.6	92.6	92.7	92.3
34.3	88.9	89.7	92.3	93.4	74.0	94.2	94.5	94.6	94.7	94.7	94.8	94.9
34.6	39.5	90.5	93.2	94.4	94.9	95.2	95.5	95.6	95.7	95.7	95.8	95.9
34.9	89.9	91 • 2	94.3	95.6	96.1	96.8	97.3	97.4	97.5	97.5	97.6	97.7
34.9	89.9	91.2	95.1	96.3	96.9	97.6	98.2	98.3	98.6	98.5	98.7	98.8
54.7	83.9	91 • 2	95.5	96.9	97.4	78.2	98.8	98.9	99.5	99.5	99.6	99.7
34.9	99.9	91.2	95.6	96.9	97.4	98.2	99.0	99.1	99.7	99.7	99.8	99.9
34.9	99.9	91.2	95.6	96.9	97.4	98.3	99.1	99.2	99.8	99.8	99.9	100.0
34.9	89.9	91.2	95.6	96.9	97.4	98.3	99.1	99.2	99.8	99.8	99.9	100.0
34.9	89.9	91.2	95.6	96.9	97.4	98.3	99.1	99.2	99.8	99.B	99.9	100.0
	• • • • • •	• • • • • • • •	• • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••

OPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI FROM HOURLY OBSERVATIONS

STATIO	0N Y	UMBERI	724285	•	TO UTC	+ 5	KENBACKE				MONTH:	_	OURS: 0	
*****	• • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • •	VISIBILI	* * * * * * * * * * * * * * * * * * *		MILES	• • • • • • •		• • • • • •	•••
CEILI	NG			٥.	c c	GE	GE	GE .	GE	GE	GE	GE	GE	
IN		GĘ	G.C.	GE 5	GE 4	3	2 1/2	2		1 1/4	1	3/4	5/3	1
FEET		7				_			•	-	_			
• • • • •	• • • •	• • • • • •	• • • • • • • •	• • • • • • •			, , , , , , , , ,		•••••					
NO CE	IL	26.1	26.9	28.3	28.7	29.5	29.7	29.9	30.0	30.0	30.0	30.2	30.2	3
SE 200	300	27.3	29.7	30.2	30.8	31.6	31.8	32.2	32.3	32.3	32.4	32.5	32.6	3
SE 130		27.3	28.7	30.2	30.9	31.6	31.8	32.2	32.3	32.3	32.4	32.5	32.6	3
GE 150		28.0	29.8	30.3	30.9	31.7	31.9	32.3	32.4	32.4	32.5	32.7	32.7	3
GE 140		28.7	29.6	31.3	31.8	32.7	32.9	33.2	33.3	33.3	33.4	33.7	33.7	3
GE 120		29.0	29.9	31.7	32.3	33.1	33.3	33.7	33.8	33.8	33.9	34.1	34.1	3
VL						· -								
GF 10	000	31.7	32.7	34.7	35.7	36.5	36.3	37.1	37.2	37.2	37.3	37.5	37.5	3
	000	32.8	33.8	35.9	36.9	37.7	38.0	38.3	39.4	38.4	39.5	38.7	38.7	3
	000	35.9	36.9	39.1	40.1	41.1	41.3	41.5	41.7	41.7	41.8	42.0	42.9	4
	000	36.5	37.4	39.7	40.6	41.6	41.8	42.3	42.4	42.4	42.5	42.7	42.7	4
	000	37.1	33.2	40.5	41.5	42.5	42.7	43.1	43.2	43.2	43.3	43.5	43.5	4
QF 5/	222	47.2	41.5	43.9	44.9	45.2	45.5	47.2	47.3	47.3	47.4	47.6	47.6	4
GF 45	500	43.0	44,3	45.7	48.0	49.2	49.6	50.2	50.3	50.3	50.4	50.5	50.6	5
34 4	იიი	44.2	45.7	40.2	49.5	51.0	51.3	52.2	52.3	52.3	52.4	52.5	52.6	5
GE 3'	500	45.2	48.0	50.4	51.3	53.2	53.5	54.4	54.5	54.5	54.5	54.8	54.8	5
GE 30	cco	50.6	52.5	55.3	55.∂	59.4	58.7	59.6	59.8	59.8	59.9	60.1	60.1	6
SE 25	500	55.2	57.3	50 . 3	52.5	64.3	54.7	55.8	55.0	55 . 0	56.1	66.3	56.3	6
SE 20	000	57.5	52.5	55.7	58.9	71.3	71.7	73.7	74.3	74.3	74.4	74.6	74.6	7
95 1	600	60.2	53.2	57.6	69.9	72.5	72.9	74.8	75.5	75.5	75.6	75.8	75.A	7
G⊆ 1°	500	52.9	55.3	71.1	74 • 1	77.5	73.0	40.3	81.1	31.1	81.2	81.4	81.4	4
GE 1.	200	54.5	53.7	73.9	77.7	31.8	92.6	85.4	86.5	36.5	86.5	86.8	86.9	3
35 I	202	65.1	57.2	74.5	78.7	33.4	84.3	97.7	93.9	49.1	87.6	49.0	39.9	9
	900	55.1	59.4	74.9	79.5	34.3	35.2	33.5	37.9	90.1	90.5	91.0	91.1	0
	800	65.4	59.9	76.0	31.1	85.1	37.1	90.6	91.9	92.2	92.5	93.1	93.2	Q
•	700	65.5	70.3	76.5	81.7	37.1	99.2	91.3	93.1	93.4	94.1	94.7	94.8	9
			70.3	76.5	81.3	37.4	88.8	92.7	94.1	94.5	95.4	96.1	96.3	ģ
GE	600	55.5	10.3	10.5	0 L # · ɔ	3147	00.0	72 • 1	7741	7442	,,,,,,	,,,,,,	. 3	ŕ
95	500	65.7	70.4	75.5	81.9	87.8	89.2	93.4	95.1	95.5	96.7	37.4	97.7	9
	400	55.7	70.4	76.5	21.9	37.9	89.2	93.4	95.3	25.7	36.9	97.8	98.4	3
	300	65.7	70.4	76.6	31.9	87.8	89.2	93.5	95.4	95.8	97.0	98.1	98.6	9
GE	200	55.7	70.4	76.5	81.9	87.8	89.2	93.5	95.4	95.5	97.0	98.1	98.6	9
	100	65.7	70.4	76.5	31.9	37.8	89.2	93.5	95.4	95.8	97.0	99.2	98.7	9
			_			_							22.3	_
\$F) 00	65.7	7).4	75.5	81.9	87.9	89.2	93.5	95.4	35.8	97.0	98.2	98.7	٩
• • • • •	• • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••

TOTAL NUMBER OF DESERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

TION NAM	+ 5			_		MONTH:	OF REC	HOURS:		FEB 88		
		VISIBILI				• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	•••••
65	GE	GŁ	GΕ	SE		GE	GE	GE	GE	GE	GE	GE
4	3	2 1/2	2		1 1/4	1	3/4	5/3	1/2	3/4	1/4	0
• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
2ਰ .7	29.5	29.7	29.9	30.0	30.0	30.0	30.2	30.2	30.2	30.2	30.2	30.2
30.3	31.5	31.3	32.2	32.3	32.3	32.4	32.6	32.6	32.5	32.6	32.6	32.5
30.8	31.6	31.8	32.2	32.3	32.3	32.4	32.5	32.6	32.6	32.6	32.6	32.6
30.3	31.7	31.9	32.3	32.4	32.4	32.5	32.7	32.7	32.7	32.7	32.7	32.7
31.8 32.3	32.7 33.1	32.9 33.3	33.2 33.7	33.3 33.8	33.3 33.8	33.4 33.9	33.7 34.1	33.7 34.1	33.7 34.1	33.7 34.1	33.7 34.1	33.7 34.1
32.3	22.1	22.2	2241	33.0	33.0	3347	3441	74.1	7441	34.1	2447	J7 • L
35.7	36.6	36.3	37.1	37.2	37.2	37.3	37.5	37.5	37.5	37.5	37.5	37.5
36.9	37.7	38.0	38.3	33.4	38.4	39.5	38.7	38.7	38.7	38.7	38.7	38.7
40.1	41.1	41.3	41.6	41.7	41.7	41.8	42.0	42.0	42.0	42.0	42.0	42.0
40.5	41.5	41.8	42.3	42.4	42.4	42.5	42.7	42.7	42.7	42.7	42.7	42.7
41.5	42.5	42.7	43.1	43.2	43.2	43.3	43.5	43.5	43.5	43.5	43.5	43.5
44.9	45.2	45.5	47.2	47.3	47.3	47.4	47.6	47.6	47.5	47.6	47.5	47.5
4 th . 7	49.2	49.5	50.2	50.3	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.6
49.5	51.0	51.3	52.2	52.3	52.3	52.4	52.5	52.6	52.6	52.6	52.5	52.5
51.3	53.2	53.5	54.4	54.5	54.5	54.5	54.8	54.8	54.8	54.8	54.8	54.8
95•€	53.4	58 .7	59.6	59.8	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.1
52.5	64.3	54.7	55.3	55.0	55.0	56.1	66.3	56.3	66.3	66.3	66.3	66.3
45.9	71.3	71.7	73.7	74.3	74.3	74.4	74.6	74.5	74.6	74.6	74.6	74.6
69.9	72.5	72.9	74.8	75.5	75.5	75.6	75.8	75.8	75.8	75.8	75.9	75.8
74 • 1	77.5	73.0	80.3	81.1	31.1	81.2	81.4	81.4	81.5	81.5	81.5	81.5
77.7	31.8	92.5	85.4	86.5	86.5	86.5	86.8	86.9	37.0	37.0	87.0	37.0
78.7	33.4	84.3	97.7	93.9	39.1	89.6	39.9	39.9	90.1	90.1	90.1	90.1
79.5	94.3	35 . 2	33.6	37.9	90.1	90.5	91.0	91.1	91.3	91.3	91.3	91.3
31.1	35.1	87.1	90.6	91.9	92.2	92.6	93.1	93.2	93.4	93.4	93.4	93.4
31.7	37.1	39.2	91.3	93.1	93.4	94.1	94.7	94.5	95.1	95.1	95.1	95.1
31.3	37.4	88.8	92.7	94.1	94.5	95.4	96.1	96.3	95.6	96.6	96.6	96.6
41.0	87.9	89.2	93.4	95.1	95.5	36.7	37.4	97.7	98.1	28.2	98.2	98.2
01.9	37.8	89.2	93.4	95.3	75.7	96.9	97.8	98.4	98.7	98.8	98.8	98.8
21.9	97.9	89.2	93.5	95.4	95.8	97.0	98.1	98.6	99.0	99.2	99.2	99.2
31.9	97. 8	89.2	93.5	95.4	95.8	97.0	98.1	98.6	99.1	99.5	99.5	99.5
31.9	37.3	39.2	93.5	95.4	95.8	97.0	98.2	98.7	99.2	99.5	99.7	100.0
71.9	87 . 8	99.2	93.5	95.4	95.8	97.0	98.2	98.7	99.2	99.5	99.7	100.0
												•

OPERATING LOCATION MAM-USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL FROM HOURLY DESERVATIONS

ST	N MOLTA	UMBFR:	724235		TO UTC		KENBACKE	R ANGÉ	в он		PERIOO MONTH:		CORD: HOURS:	
CEI	LING	• • • • • •	• • • • • • •	• • • • • •		• • • • • •	THRISTV	TY IN	STATUTE	MILES	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •
	[1]	C.F	G#	GE	GE	SE	GE	GE	GE	GE	GE	GE	GE	SE
	ΕT	7	. 5	5	4	3	2 1/2	2	1 1/2		i	3/4	5/9	1/2
_			, , , , , , , , , , , , , , , , , , ,	.										
•••	• • • • • •	• • • • • • •	• • • • • • •			• • • • • • •		••••		• • • • • • •				• • • • • • •
ИО	CEIL	26.6	23.6	29.6	30.0	31.0	31.3	31.6	31.8	31.9	31.9	31.9	31.9	31.9
űΕ	20000	31.0	33.1	34.1	34.5	35.9	36.2	35.6	36.8	36.9	36.9	35.9	35.9	36.9
GE	13000	31.0	33.1	34.1	34.5	35.9	36.2	36.6	36.8	36.9	36.9	35.9	36.9	36.9
GE	15000	31.0	33.1	34.1	34.5	35.9	36.2	35.6	36.8	35.9	36.9	36.9	36.9	
GE	14000	31.4	33.5	34.5	35.1	36.3	36.7	37.0	37.2	37.3	37.3	37.3	37.3	
GΕ	12000	31.8	34.0	34.9	35.5	35.8	37.1	37.4	37.6	37.7	37.7	37.7	37.7	
GE	10000	33.7	35.2	37.4	38.1	39.5	39.8	40.1	40.3	40.4	40.4	43.4	40.4	40.4
ĢE	9333	34.3	35.9	39.1	38.7	40.2	40.5	40.9	41.1	41.2	41.2	41.2		
ŚÉ	3000	37.5	40.4	41.8	42.8	44.4	44.7	45.2	45.4	45.5	45.5	45.5		
Ğ.E	7900	38.1	40.9	42.5	43.5	45.2	45.5	45.9	45.1	46.2	46.2	45.2		
ĞE	6000	33.5	41.3	43.0	44.0	45.7	46.0	46.5	46.7	46.8	46.8	46.3		
GE	5000	40.0	42.3	44.0	45.7	47.5	47.8	48.4	48.5	48.7	43.7	43.7	48.7	
7,0	4500	41.5	44.3	45.3	47.4	49.4	49.7	50.2	50.4	50.5	50.5	50.5	50.5	F). (
SE	4000	43.1	45.2	48.6	49.9	51.8	52.2	52.8	53.1	53.3	53.3	53.3	53,3	
SE	3500	44.3	43.0	50.4	51.3	53.9	54.2	54.9	55.3	55.5	55.7	55.7	55.7	55.1
GE	3000	43.9	52.7	55.1	57.7	60.0	60.3	61.3	61.5	61.8	62.0	62.2	52.2	52.8
GE	2500	52.7	55 . A	50.4	62.7	65.3	65.8	67.1	67.6	67.5	66.1	63.2	5B.2	58.2
G.F	2000	57.0	61.0	55.7	53.5	71.5	72.2	73.9	74.8	75.1	75.4	75.7		
G.E	1900	57.1	52.0	55.0	58.9	72.0	72.6	74.3	75.3	75.5	75.8	76.1		
3r	1500	50.5	44.7	59.1	72.6	75.7	77.2	79.0	90.1	80.3	80.5	31.0		
GŁ	1200	60.3	35.2	71.4	75.2	80.2	81.0	83.2	94.6	84.8	85.3	85.6		
úε	1000	01.0	56.7	72.2	76.1	31.9	92.8	85.3	36.9	87.1	37.7	38 .1	88.1	33.1
Ç.F	910	61.1	57.1	72.9	77.1	33.2	84.4	97.0	88.8	39.0	લેવી છ	90.1	90.1	99.1
35	300	61.5	67.6	73.7	78.3	85.1	86.2	88.9	90.8	91.0	92.0	92.6	92.6	92.€
G.E	700	61.5	67.5	73.3	78.7	95.5	87.1	90.2	92.2	92.4	93.5	94.4	94.4	94.1
GE	600	61.5	57. 5	73.5	79.0	85.1	88.1	91.3	93.3	93.8	95.4	95.3	96.5	95+1
GE	500	61.5	57.5	73.8	79.0	86.2	83.4	91.3	94.0	94.4	95.1	97.2	97.4	98.0
C, E	400	51.5	67.5	73.3	79.0	35 • 2	98.5	92.0	94.3	94.9	95.7	98.1	98.4	
ÇE.	300	61.5	57.4	73.8	79.0	35.2	88.5	92.0	94.4	94.9	96.8	98.2	98.6	99.2
GE	200	51.5	57.5	73.8	79.0	85.2	89.5	92.0	94.4	95.1	96.9	98.3	98.8	99.5
GE	100	51.5	67.5	73.8	79.0	36.2	88.5	92.0	94.4	95.1	96.9	98.3		
; <u> </u>	იიი	51.5	5 7. 6	73.3	79.0	95.2	98.5	92.0	94.4	95.1	95.9	99.3	98.8	77,5

TOTAL NUMBER OF DESERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUSELY DESERVATIONS

1) UTC: + 5 MONTH: JAN HOURS: 09-11		
VISIBILITY IN STATUTE MILES		
on se se se se se se se se	GE GE	GE
4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/9 1/2	3/9 1/4	ว
39.0 31.0 31.3 31.6 31.8 31.9 31.9 31.9 31.9	31.9 31.9	31.9
34.0 35.9 36.2 36.6 36.8 36.9 36.9 36.9 36.9	36.9 36.9	36.9
	36.9	36.9
	36.9 36.9	36.9
	37.3 37.3	
	37.7 37.7	37.7
	3111	,,,,,
5:-1 37.5 39.8 40.1 40.3 40.4 40.4 40.4 40.4 40.4	40.4 40.4	40.4
1:.7 40.2 40.5 40.9 41.1 41.2 41.2 41.2 41.2 41.2	41.2 41.2	41.2
42.3 44.4 44.7 45.2 45.4 45.5 45.5 45.5 45.5	45.5 45.5	45.5
13.5 45.2 45.5 45.9 45.1 46.2 46.2 46.2 46.2 46.2	45.2 46.2	46.2
44.0 45.7 45.0 46.5 46.7 46.8 46.8 46.8 46.8	46.3 46.8	46.8
7 47.5 47.8 48.4 48.5 48.7 48.7 48.7 48.7 48.7	48.7 48.7	48.7
	50.5 50.5	50.5
	53.3 53.3	
	55.7 55.7	
	62.2 62.2	
57+7 30+0 80+5 81+5 31+8 31+8 82+0 32+2 32+2 02+2	02.02	92.2
€2.7 55.3 55.6 57.1 57.5 57.6 68.1 53.2 68.2 58.2	68.2 68.2	68.2
	75.7 75.7	75.7
	76.1 76.1	76.1
	81.0 81.0	81.0
	85.6 85.6	85.6
	22.1 00.1	20.1
	33.1 88.1	38.1
	70.1 90.1	90.1
	92.6 92.6	92.6
	94.4 94.4	94.4
71.0 35.1 88.1 91.3 93.3 93.8 95.4 96.3 96.5 96.7	96.7 96.7	96.7
74.0 35.2 83.4 91.3 94.0 94.4 95.1 97.2 97.4 98.0	98.0 98.0	98.0
77.0 35.2 48.5 92.0 94.3 94.8 96.7 98.1 98.4 99.0	99.2 99.2	99.2
	99.5 99.5	99.5
	99.7 99.7	99.7
	99.8 99.9	100.0
74.7 95.2 83.5 92.0 94.4 95.1 95.9 98.3 98.8 97.5	99.4 99.9	100.9
	•••••	•••••

PERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

STATION NUMBER		LST	וט טדנ:	+ 5					MONTH:	JAN	HOURS: 1	
CET THE	• • • • • • • •	• • • • • • •	• • • • • •				STATUTE		• • • • • • •	• • • • • •	•••••	• • • • • • • • •
CEILING IN GE	3ª	SE	GE	GE	GE 713151£1	GE	GE	GE	GE	GE	G₽	GΕ
FEET 7	.,- 5	5 5	4	3	2 1/2	∌E 2		1 1/4	1	3/4	5/a	1/2
*************						••••		••••				
NO CEIL 27.1	27.7	29.4	28.6	28.8	23.8	29.0	29.0	29.0	29.1	29.1	29.1	29.1
SE 20000 32.5	33.4	34.1	34.3	34.5	34.5	34.3	34.9	34.9	35.1	35.1	35.1	35.1
GE 13000 32.6	33.4	34.1	34.3	34.5	34.5	34.9	34.9	34.9	35.1	35.1	35.1	35.1
GF 16000 32.5	33.4	34.1	34.3	34.5	34.5	34.8	34.9	34.9	35.1	35.1	35.1	35.1
GE 14000 33.1	34.0	34.0	34.3	35.2	35.2	35.5	35.6	35.6	35.7	35.7	35.7	35.7
GE 12000 34.3	35.2	35.8	36.0	35.3	36.3	36.7	36.8	36.8	36.9	36.9	36.9	36.9
SE 10000 37.3	39.1	40.0	40.3	49.6	40.5	41.0	41.1	41.1	41.2	41.2	41.2	41.2
SE 3000 34.4	39.7	40.5	41.1	41.4	41.4	41.7	41.8	41.3	41.9	41.9	41.9	41.9
SF 8000 42.0	43.3	44.7	45.4	45.8	45.8	46.1	46.2	45.2	46.3	46.3	46.3	46.3
GE 7000 42.2	43.4	44.8	45.6	45.0	46.0	46.3	46.5	46.5	46.6	46.6	46.6	45.6
GE 6000 42.8	44.1	45.5	46.3	45.9	46.9	47.2	47.3	47.3	47.4	47.4	47.4	47.4
SF 5303 44.5	45.0	47.5	44.5	49.1	49.4	49.7	47.8	49.3	49.9	49.9	49.9	43.9
GF 4500 44.1	47.3	47.5	50.5	51.1	51.3	51.6	51.7	51.7	51.9	52.0	52.0	52.3
35 4000 47.2	49.0	50.9	52.0	52.6	52.8	53.1	53.2	53.3	53.7	53.8	53.8	53.9
GE 3500 50.1	52.2	54.0	55.2	55.7	55.9	56.2	56.5	56.6	56.9	57.0	57.0	57.0
GE 3000 54.7	57.1	59.0	60.4	61.5	61.7	62.4	62.6	62.7	63.0	63.1	63.1	63.1
GE 2500 50.0	52.6	55.2	66.9	63.1	68.3	59.2	57.5	59.6	59.9	70.0	70.0	70.0
SE 2000 63.7	55.7	70.9	72.1	74.1	74.4	75.5	75.9	76.0	76.5	76.6	76.6	76.6
GE 1800 64.1	57.2	71.4	73.2	74.6	74.9	76.0	76.5	76.5	77.0	77.1	77.1	77.1
GE 1500 67.5	71.5	76.5	79.4	31.7	82.2	83.2	83.9	84.3	34.9	35.1	85.1	85.1
GE 1200 50.6	73.2	78.5	31.9	35.2	85.8	87.0	87.8	83.3	39.9	39.1	87.1	89.1
SF 1000 68.3	74.1	79.4	83.0	37.1	87.8	89.1	99.3	20.9	91.6	91.8	91.4	91.5
97 999 69.0	74.3	79.9	34.1	33.2	39.5	91.0	92.3	92.9	93.5	93.2	93.8	93.9
3F 900 59.5	74.3	30.3	34.9	39.0	90.5	92.5	93.8	94.3	95.1	95.3	95.3	95.3
6E 700 09.6	75.2	81.1	95.4	89.6	91.6	93.5	95.1	95.7	96.5	96.8	96.8	96.9
GE 500 59.3	7 5.5	81.5	86.0	93.4	92.5	94.5	96.1	96.8	97.3	98.2	98.2	98.3
95 500 69 . 3	75.5	31.5	36.1	97.5	92.5	74.5	96.5	97.1	98.3	98.7	98.7	98.8
GT 400 60.3	75.5	31.6	86.1	90.6	92.8	94.3	96.3	97.4	98.6	99.1	99.2	99.4
GF 300 59.9	75.5	91.5	86.1	90.5	92.3	94.8	96.8	97.4	98.6	99.2	99.4	99.6
GE 200 69.8	75.5	81.6	96.1	90.5	92.8	94.8	96.8	97.4	98.6	99.2	99.5	99.8
3č 100 69.8	75.5	31.5	85.1	30.6	92.8	94.8	96.8	97.4	98.6	99.2	99.5	99.8
SE 000 69.8	75.5		96.1	90.6	92.3	94.8	96.8	97.4	98.6	99.2	=	=

TOTAL NUMBER OF DESERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY: FROM HOURLY OBSERVATIONS

้ รับ บาว:	+ 5	KENBACKE		_		MONTH:	JAN	ORD: M	12-14			
		VISIBILI				• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••
GE	SE	GE	SE	GE		GE	GE	GE	GE	GE	GE	GE
4	3	2 1/2	2	1 1/2	1 1/4		3/4	5/8	1/2	3/9	1/4	Ō
• • • • • • • •	• • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
23.6	28.8	23.8	29.0	29.0	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1
14.3	34.5	34.5	34.3	34.9	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1
34.3	34.5	34.5	34.3	34.9	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1
34.3	34.5	34.5	34.3	34.9	34.9	35.1	35.1	35.1	35.1	35.1	35 • 1	35.1
34.∂	35.2	35.2	35.5	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7
36.0	35.3	36.3	36.7	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9
40.3	49.6	40.5	41.0	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2
41.1	41.4	41.4	41.7	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9
45.4	45.8	45.8	46.1	45.2	45.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3
45.6	45.0	46.0	46.3	46.5	46.5	45.6	46.6	45.6	45.6	46.6	46.6	46.6
45.3	46.9	46.9	47.2	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4
44.5	49.1	49.4	49.7	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
50.5	51.1	51.3	51.5	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0
52.0	52.6	52.3	53.1	53.2	53.3	53.7	53.8	53.8	53.8	53.8	53.8	53.8
55.2	55.7	55.9	56.2	56.5	56.6	56.9	57.0	57.0	57.0	57.0	57.0	57.0
50.4	61.5	61.7	62.4	62.6	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.1
56.7	63.1	58.3	59.2	57.5	59.6	59.9	70.0	70.0	70.0	70.0	70.0	70.0
72.1	74.1	74.4	75.5	75.9	76.0	76.5	76.6	76.6	76.6	76.6	76.6	76.5
73.2	74.5	74.9	76.0	76.5	76.5	77.0	77.1	77.1	77.1	77.1	77.1	77.1
79.4	31.7	82.2	83.2	33.9	84.3	34.9	35.1	85.1	85.1	35.1	85.1	85.1
31.9	35.2	85.8	87.0	87.8	83.3	88.9	89.1	89.1	89.1	89.1	89.1	89.1
43.9	37.1	A7.8	89.1	90.3	90.9	91.6	91.8	91.3	91.3	91.8	91.8	91.8
34.1	33.2	39.5	91.0	92.3	92.3	93.5	93.8	93.8	93.9	93.8	93.3	93.8
34.9	89.0	90.5	92.5	93.8	94.3	95.1	95.3	95.3	95.3	95.3	95.3	95.3
35.4	37.5	91.6	93.5	95.1	95.7	96.5	96.8	96.8	96.9	96.9	96.9	96.9
35.0	90.4	92.5	94.5	96.1	96.8	97.3	98.2	98.2	98.3	98.3	98.3	98.3
35.1	90.5	92.5	74.5	96.5	97.1	99.3	98.7	98.7	98.8	98.9	98.8	98.9
45.1	90.5	92.8	94.3	96.3	97.4	38.6	99.1	99.2	99.4	99.4	99.5	99.5
46.1	90.5	92.3	94.8	96.8	97.4	98.6	99.2	99.4	99.6	99.6	99.7	99.7
85.1	90.5	92.8	94.8	96.8	97.4	98.6	99.2	99.5	99.8	99.8	99.9	99.9
35.1	90.6	92.8	94.8	96.8	97.4	98.6	99.2	99.5	99.8	99.8	99.9	99.9
35.1	90.6	92.4	94.3	იგ. ჲ	97.4	98.6	99•2	99.5	99.8	99.8	100.0	100.0

USAFETAC. ASHEVILLE NO FROM HOURLY OBSERVATIONS PERIOD OF RECORD: MAR 78 - F STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH LST TO UTC: + 5 MONTH: JAN HOURS: 15-17 CEILING VISIBILITY IN STATUTE MILES GF GE GF SE GE T74 GΕ GΞ G E GE GE 2 1/2 2 1 1/2 1 1/4 1/2 29.0 29.0 NO CEIL 28.2 29.0 29.0 29.0 28.7 28.8 29.0 29.0 29.0 29.0 29.0 35.1 GE 20000 34.2 34.7 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 19000 34.3 34.9 35.2 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 GE 16000 35.2 35.5 35.5 35.5 35.5 35.5 34.3 34.8 35.5 35.5 35.5 35.5 35.5 35.2 SF 14000 35.7 36.0 36.5 36.6 36.3 36.6 36.5 35.6 36.6 36.5 36.6 36.5 GE 12000 36.6 37.1 37.4 37.7 38.0 35.0 38.0 38.0 38.0 38.0 39.0 38.0 38.0 10000 40.1 40.9 41.4 41.7 41.9 41.9 41.9 41.9 41.9 41.9 41.9 41.9 41.9 9900 41.2 41.9 42.5 42.3 43.0 43.0 43.0 43.0 43.0 43.0 43.0 43.0 43.0 GE 8000 47.2 45.1 47.7 43.1 43.3 49.3 48.3 49.3 48.3 49.3 48.3 48.3 48.3 3F 49.1 48.6 7000 46.5 47.5 48.4 43.6 48.5 43.6 48.6 48.6 49.6 48.6 48.6 6000 46.8 47.3 48.4 48.7 43.9 43.9 48.9 48.9 48.9 49.9 48.9 48.9 48.9 51.7 5)00 43.3 50.0 51.1 51.4 51.7 51.7 51.7 51.7 51.7 51.7 51.7 51.7 SE 54.1 54.4 54.4 54.4 4500 50.5 52.2 53.4 53.4 54.3 54.3 54.2 54.3 54.4 35 52.4 55.4 55.9 55.2 56.5 55.5 4000 54.1 56.3 55.5 56.5 56.5 56.6 56.6 54.3 59.0 CF 3577 56.7 58.6 59.0 59.1 59.2 59.2 59.2 59.4 59.4 59.4 59.4 3000 59.5 63.3 65.2 55.2 65.3 65.3 51.3 04.1 54.7 54.8 65.2 65.3 65.3 GE 2500 55.5 53.2 70.4 71.3 72.4 72.5 72.3 72.3 72.9 73.0 73.0 73.0 73.0 78.2 <u>e</u>0.5 2000 69.5 73.0 75.5 79.7 79.3 30.3 30.6 31.1 81.1 31.1 81.1 1800 72.2 79.1 80.5 30.9 73.7 77.4 81.7 81.7 81.8 82.2 82.2 82.2 82.2 87.8 72.4 87.8 SE 1500 76.0 30.5 33.2 35.3 A5.8 37.3 87.4 87.5 87.8 97.9 GE 1200 73.0 77.0 31.7 84.6 87.1 87.6 89.6 89.9 90.1 90.5 90.6 90.6 90.6 73.7 39.0 93.2 93.3 1000 77.5 82 • 7 35.0 39.6 91.5 92.0 92.3 93.1 93.2 94.7 G. 900 74.1 93.2 39.9 93.3 94.9 73.2 86.7 90.4 92.8 **33.7** 94.5 94.R 74.3 95.1 78.6 87.5 91.4 96.5 SE 800 94.0 90.9 94.1 94.6 96.2 96.5 96.5 3E 74.5 91.8 97.5 700 78.9 94.3 91.3 94.6 95.4 95.9 97.1 97.5 97.5 36.0 GE 600 74.5 78.9 34.4 95.3 93.3 98.3 98.4 83.3 91.7 92.3 96.1 96.7 97.8 95.8 97.2 99.2 92.7 98.5 GE 500 74.5 79.9 34.5 88.5 92.2 99.0 99.0 96.7 78.9 98.5 99.5 GF 95.9 99.1 99.1 400 74.5 34.5 92.2 92.7 95.8 97.3 98.6 96.8 SE 300 74.5 79.9 34.5 88.5 92.2 92.7 95.9 97.3 98.6 99.1 99.1 99.6 99.6 74.5 73.9 92.2 95.9 96.3 97.3 99.1 84.5 88.5 92.7 98.6 99.1 GE 200 100 74.5 78.9 84.5 88.5 92.7 97.3 98.6 99.2 99.7 92.2 95.9 96.3 99.1 000 74.5 73.9 33.5 92.7 95.9 97.3 98.5 99.1 99.2 99.7

TOTAL NUMBER OF UBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

TON NOT		KENBACKE	R ANGB			MONTH:		ORD: M: HOURS:		FEB 88		
		/151 3 1L1	TY IN		MILES				• • • • • • •			••••
35	GF	GE	GE	GE	GF	GE	GE	GE	GE	GE	GE	GE
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	ō
	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • •
29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
36.3	35.5	36.5	36.5	35.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.5
37.7	38.0	33.0	33.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
+1.7	41.9	41.9	41.9	41.9	41.9	(1.5	(1.0		(1.0			
42.5		43.9				41.9	41.9	41.9	41.9	41.9	41.9	41.9
43.1	43.0	49.3	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
49.4	49.3 43.6	48.5	48.3 43.6	49.3	48.3	48.3	49.3	48.3	48.3	48.3	48.3	48.3
				48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
43.7	43.9	43.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
53.4	54.1	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
55.7	55.2	56.3	56.5	55.5	56.5	55.5	56.6	56.6	56.6	56.6	55.6	56.6
53.6	59.0	59.1	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4
54.1	54.7	64.8	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
71.3	72.4	72.5	72.3	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
7 4 2	79.7	79.3	en.5	30.6	30.3	31.1	81.1	31.1	81.1	81.1	91.1	81.1
79.1	87.5	80.9	81.7	81.7	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2
33.2	95.3	85.8	37.3	87.4	87.5	87.8	87.8	87.8	37 . 8	87.8	87.8	87.8
94.5	37.1	87.6	89.6	89.9	90.1	90.5	90.6	90.6	90.6	90.6	90.8	90.8
											,	,,,,
35.0	39.0	99.6	91.5	92.0	92.3	93.1	93.2	93.2	93.3	93.3	93.4	93.4
25.7	39.9	90.4	92.8	93.3	93.7	94.7	94.9	94.8	94.9	94.9	95.1	95.1
37.5	90.9	91.4	94.1	94.6	95.1	96.2	96.5	96.5	96.5	96.6	96.7	96.7
3⊾.ე	91.3	91.3	94.6	95.4	95.9	97.1	97.5	97.5	97.6	97.6	97.7	97.7
34.3	91.7	92.3	95.3	96.1	96.7	97.8	93.3	98.3	98.4	98,4	98.5	98.5
33.5	92.2	92.7	95.8	96.7	97.2	93.5	99.0	99.0	99.2	99.2	99.4	99.4
44.5	92.2	92.7	95.9	95.8	97.3	28.6	99.1	99.1	99.5	99.5	99.6	99.6
ae.5	92.2	92.7	95.9	96.8	97.3	98.6	99.1	99.1	99.6	99.6	99.7	99.7
93.5	92.2	92.7	95.9	96.3	97.3	98.6	99.1	99.1	99.6	99.6	99.8	99.9
99.5	92.2	92.7	95.9	96.8	97.3	98.6	99.1	99.2	99.7	99.7	99.9	100.0
,,,,,		/ * * ·	, , ,	7013	7103	70 . u	,,,,	7704	7717	7747	77.7	10010
43.5	92.2	92.7	75.7	96.8	97.3	98.6	99.1	99.2	99.7	99.7	99.9	100.0
• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL FROM HOURLY OBSERVATIONS

STATION	NUMBER:	724295		TION NAI		KENBÄCKE	R ANGB	он .		PERIOD MONTH:		CORD: 1	
CEILING	• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • • •	 118121u	TV IN	STATUTE	MILES	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •
IN	ςĘ	GF.	ĠE	GF	GE	GE GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	5	9 E 5	4	3	2 1/2	2		1 1/4		3/4	5/8	1/2
FEG.		7	• • • • • • • • • • • • • • • • • • • •			2 1/2		1 1/4	1 1/ -		J/ 7		1/(
• • • • • • • •	• • • • • • •		• • • • • • •	• • • • • •	• • • • • •		••••		• • • • • •	• • • • • • •	••••	•••••	••••
NO CEIL	32.0	32.4	32.8	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 20001	37.7	38.2	38.7	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
SE 13000		33.2	39.7	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1		39.1
SE 16000	37.7	33.2	38.7	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1		39.1
GE 14000		38.6	39.1	39.5	39.6	39.6	39.6	39.6	39.6	39.5	39.6		39.6
GE 1200		39.4	40.1	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5		40.5
SE 10000	41.7	42.3	43.0	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 9000		43.9	43.3	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2		44.2
GF 3000		48.1	48.9	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4		49.4
GE 7000		48.7	49.5	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 6000	48.4	49.1	49.9	50.4	50.8	50.8	50.8	50.8	50.8	50∙8	50.8	50.8	50.4
GF 5001	40.3	50.5	51.3	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GF 450	52.1	52.8	54.2	55.3	55.5	55.6	55.5	55.6	55.5	55.6	55.5	55.6	55.6
SE 4000		55.2	55.8	57.8	53.3	58.3	58.3	58.4	58.4	54.4	58.4	59.4	53.4
GE 3500		58.4	60.2	61.4	61.9	61.9	61.9	62.0	62.0	62.0	62.0		62.0
GE 3000	62.0	53.0	65.1	66.5	67.3	67.3	67.4	67.5	67.5	67.6	67.7	67.7	67.7
SE 2500	65.8	63.3	70.4	72.2	73.4	73.3	74.2	74.4	74.4	74.5	74.7	74.7	74.7
SE 2000		72.9	75.2	78.5	37.0	80.4	82.0	32.4	82.4	32.5	92.7	-	
SE 1800		73.0	76.3	78.7	89.3	80.8	32.4	82.7	82.7	32.9	83.0		83.0
GE 1500	-	74.7	78.9	82.5	84.4	85.1	87.5	87.8	87.8	88.2	88.3		
GE 1203		75.7	80.6	84.7	87.1	38.1	90.5	91.1	91.2	91.6	91.7		91.5
SF 1000	72.A	75.7	81.4	85.5	33.2	89.1	91.7	92.3	92.4	93.0	93.1	93.2	93.5
95 990	73.3	76.5	32.2	86.2	38.9	90.0	92.3	93.3	93.4	94.2	94.3	94.4	94.7
GF 800	73.4	75.5	82.3	86.5	39.2	90.3	93.3	94.1	94.2	94.9	95.2	95.4	95.
GE 700	73.a	75.9	82.7	86.9	90.0	91.2	94.2	95.2	95.3	95.1	95.3		97.1
SE 600		76.9	82.7	87.0	90.2	91.5	94.6	95.6	95.7	95.7	36.9		97.6
SF 500	73.3	76.2	32.7	37.1	90.3	91.6	94.8	95.9	96.1	37.2	97.6	97.8	98.5
35 490	. •	75.9	32.7	27.1	90.3	91.6	94.3	95.9	25.1	37.2	97.7		98.6
SE 300		76.9	82.7	87.1	90.3	91.6	94.8	96.0	96.2	97.3	97.8		99.7
GE 200		75.9	52.7	87.1	90.3	91.6	94.8	96.0	96.3	97.4	98.0		98.5
GE 100		76.9	82.7	87.1	90.3	91.6	94.8	96.0	96.3	97.5	98.1		99.0
SE 000	73.9	75.9	32.7	87.1	90.3	91.5	94.3	95.0	76.3	97.5	98.1	98.3	99.0

TOTAL NUMBER OF DESERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

,	IAM MULT OTU GT		KENBACKE	R ANGB	ŋн		PERIOD MONTH:	OF REC	DRD: M. HOURS:		FEB 89		
	• • • • • •	• • • • • •	visibili	TY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
3	Qr.	GE	GF	GE	GE	GF	GE	GE	GE	GE	GE	GE	GE
•	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
3	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • •
4	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
3	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
1	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
3	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
4	39.5	39.6	39.6	39.5	39.6	39.6	39.5	39.6	39.6	39.6	39.6	39.6	39.6
	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
4	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
4	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
3	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
1	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50. <i>2</i>	50.2	50.2	50.2	50.2	50.2
	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
7	6.2.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
1	55.3	55.5	55.6	55.5	55.6	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
ij	57.3	53.3	58.3	58.3	55.4	58.4	58.4	58.4	58.4	53.4	58.4	58.4	58.4
2	51.4	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
7	55.5	67.3	67.3	67.4	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7
.7	72.2	73.4	73. 3	74.2	74.4	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7
	7 5	30.0	80.4	92.0	32.4	32.4	32.6	92.7	82.7	82.7	82.7	92.7	82.7
•	74.7	80.3	80.8	32.4	82.7	82.7	32.9	83.0	83.0	83.0	83.0	83.0	83.0
,	32.5	34.4	85 • 1	87.5	97.8	97.8	88.2	88.3	88.3	88.4	38.4	88.4	38.4
۱,	34.7	87.1	38.1	90.5	91.1	91.2	91.6	91.7	91.8	91.9	91.9	91.9	91.9
3	-5.5	33.2	89 • 1	91.7	92.3	92.4	93.0	93.1	93.2	93.5	93.5	93.5	93.5
ان	4.2	34.9	90.0	92.3	93.3	93.4	94.2	94.3	94.4	94.7	94.7	94.7	94.7
G.	35.5	39.2	90.3	93.3	94.1	94.2	94.9	95.2	95.4	95.3	95.8	95.8	95.8
9	>5.9	90.0	91.2	94.2	95.2	95.3	95.1	95.3	96.6	97.1	97.1	97.1	97.1
ر م	37.0	90.2	91.5	94.6	95.6	95.7	95.7	96.9	97.1	97.6	97.6	97.6	97.6
)	-7.1	72.3	91.6	94.8	95.9	96.1	37.2	97.6	97.8	98.5	98.5	98.5	98.5
4	7.1	90.3	91.6	94.3	95.9	96.1	27.2	97.7	98.0	98.6	98.6	98.6	98.6
)	27.1	92.3	91.6	94.3	96.0	96.2	97.3	97.A	98.1	99.7	98.7	99.0	99.0
7	47.1	90.3	91.6	94.8	96.0	96.3	97.4	28.0	98.2	98.9	99.2	99.6	99.7
7	47.1	90.3	91.6	94.8	96.0	96.3	97.5	98.1	98.3	99.0	99.4	99.7	100.0
•	- 7.1	90.3	91.5	94.3	95.0	96.3	97.5	98.1	98.3	99.0	99.4	99.7	100.0
	1 · · · · · · ·			• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •

330

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI USAFETAC. ASHEVILLE NO FROM HOURLY DBSERVATIONS

STATION NUMBER: 72428	LST TO UTC	: + 5			MONTH:		OURS:	
	• • • • • • • • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·		MILES	*****	• • • • • • •	• • • • • •	• • •
CEILING		AISIBIL	ITY IN STATUTE		٠-	ć.	c-	
IN SE GE		GE GE	GE GE		GE	GE	GE	
FEET 7 5	5 4	3 2 1/2		1 1/4	1	3/4	5/3	1
• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • • • •		• • • • • •	• • • • • • • •	•••••	• • •
ND CEIL 33.2 33.4	34.3 34.3	34.4 34.4	34.4 34.4	34.4	34.4	34.4	34.4	3
NO CEIL 33.2 33.4	24.2 24.3	74.4 74.4	7467 2767	24.4	,,,,,	3404	3	,
GE 20000 37.1 37.3	38.2 33.2	33.3 33.3	38.3 38.3	33.3	38.3	38.3	38.3	3
GF 19000 37.2 37.4	33.3 38.3	33.4 38.4	39.4 33.4	38.4	38.4	38.4	38.4	- 3
GE 16000 37.2 37.4	39.3 38.3	38.4 38.4	38.4 39.4	38.4	39.4	38.4	38.4	3
GE 14000 37.3 37.5	38.4 38.4	39.5 38.5	38.5 33.5	38.5	38.5	38.5	38.5	3
GE 12000 38.1 38.3	39.1 39.1	39.2 39.2	39.2 39.2	39.2	39.2	39.2	39.2	3
95 15000 3311 3013	3711 3711	37.02	3702 3702	3.42				_
GE 10000 41.0 41.2	42.0 42.2	42.3 42.3	42.3 42.3	42.3	42.3	42.3	42.3	4
GE 9000 41.8 42.0	42.9 43.0	43.3 43.3	43.3 43.3	43.3	43.3	43.3	43.3	4
SE 8000 45.6 45.5	45.7 47.0	47.3 47.3	47.3 47.3	47.3	47.3	47.3	47.3	4
SE 7000 45.7 46.9	47.7 48.1	43.4 48.4	48.4 49.4	48.4	48.4	49.4	48.4	4
GE 6000 47.1 47.3	48.2 48.5	48.8 48.8	48.8 48.8	48.8	48.3	48.8	48.8	4
GC 0000 VIII VIII	1012 1111	1,000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
GE 5000 43.5 43.7	49.5 50.1	50.4 50.4	50.4 50.4	50.4	50.4	50.4	50.4	5
SE 4500 51.3 51.5	52.6 52.9	53.3 53.3	53.3 53.3	53.3	53.3	53.3	53.3	5
SF 4000 54.8 55.1	55.5 56.3	57.7 57.7	57.7 57.7	57.7	57.7	57.7	57.7	5
35 3500 57.4 57.7	59.7 60.2	61.3 61.5	61.5 61.5	51.5	61.5	51.5	61.5	5
GE 3000 61.4 62.0	64.2 64.9	66.3 56.6	66.7 66.7	66.7	66.7	65.7	66.7	5
GE 2500 56.7 53.0	70.5 71.3	73.0 73.8	74.1 74.3	74.5	74.5	74.5	74.5	7
SE 2000 70.2 72.2	75.7 77.0	79.4 90.2	90.5 30.8	31.0	31.0	81.0	81.0	H
GE 1900 71.0 73.0	76.7 78.2	80.8 91.6	82.3 82.5	82.7	32.7	82.7	32.7	8
SF 1500 73.2 75.5	79.1 31.2	84.2 85.1	86.2 86.5	86.8	86.9	87.0	87.0	8
GE 1200 74.2 70.d	80.8 83.2	86.9 88.1	89.6 90.0	90.2	90.3	90.5	90.6	9
		20.2		0.2 2	0.2	33.7	03.0	3
GE 1000 74.4 77.3	81.7 84.3	33.1 39.8	91.5 91.9	92.2	92.4	92.7	92.8	q
900 74.4 77.4	32.0 94.5	83.4 90.1	91.8 92.4	92.6	92.8	93.1	93.2	
SE 800 74.5 77.5	82.4 85.1	89.9 90.5	92.6 93.1	93.3	93.7	94.1	94.2	9
- GE - 700 - 74.5 - 77.6	32.6 95.7	89.9 91.6	93.7 94.3	94.5	94.8	95.4	95.5	9
GE 600 74.5 77.6	32.6 85.7	90.0 91.8	94.0 94.7	94.9	95.3	95.8	95.9	9
GE 500 74.6 77.6	82.6 85.9	90.4 92.3	94.8 95.7	95.9	96.3	97.1	97.2	9
GF 400 74.5 77.5	92.5 85.9	90.6 92.5	95.1 95.9	96.2	95.7	97.7	97.9	9
GF 300 74.6 77.6	82.6 85.9	90.6 92.5	95.1 96.1	96.5	96.9	98.2	99.3	9
GE 200 74.6 77.6	82.6 85.9	90.6 92.5	95.1 96.1	96.5	96.9	98.2	98.3	9
GE 100 74.6 77.6	82.6 35.9	90.6 92.5	95.1 96.1	96.5	96.9	98.2	98.3	ģ
GC 100 /440 //40	02.40 02.47	70.0 72.7	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,		, , , , ,		•
GF 000 74.6 77.6	92.5 95.9	90.6 92.5	95.1 95.1	36.5	26.9	98.2	98.3	9
•••••••	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••

TOTAL NUMBER OF JRSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

O UTC	: + 5	KENBACKE	R ANGB	ЭН		PERIOD MONTH:	JAN I	HOURS:	21-23	FEB 88		
•••••			TV TH	STATUTE	WILES		• • • • • • •		• • • • • • •			• • • • • • • • • • • • • • • • • • • •
SE	GE	GE	GE	GE	GF	GΞ	GE	GE	GE	GE	GE	GE
4	3	2 1/2	2		1 1/4	1	3/4	5/3	1/2	3/8	1/4	0
										44444		
34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
		-										
33.2	33.3	38∙3	38.3	38.3	33.3	38.3	39.3	38.3	38.3	38.3	38.3	38.3
38.3	33.4	39.4	38.4	33.4	38.4	35.4	38.4	38.4	38.4	38.4	38.4	38.4
38.3	39.4	38.4	38.4	39.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
71.4	39.5	38.5	38.5	33.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
>9•1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
• 2 • 2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
-3.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
77.5	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
•A.1	43.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
5	48.8	43.8	48.8	48.8	48.8	48.3	48.8	48.8	48.8	48.8	48.8	48.8
	40.0	70.0	40.0	40.0	40.0	40.0	40.0		40.0	40.0	70.0	40.0
. 7.1	50.4	50.4	50.4	50.4	4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
2.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
35.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
50.2	51.3	61.5	61.5	61.5	51.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
34.9	66.3	56.6	66.7	66.7	66.7	66.7	66.7	66.7	56.7	66.7	66.7	66.7
71.3	73.0	73.B	74.1	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
77.3	79.4	90.2	80.5	30.8	31.0	31.0	81.0	81.0	81.0	81.0	81.0	81.0
74.2	80.8	81.6	82.3	82.5	82.7	32.7	82.7	82.7	82.7	82.7	82.7	82.7
31.2	84.2	85.1	86.2	85.5	86.8	86.9	87.0	37.0	87.0	87.0	87.0	87.0
3.2	36.9	88.1	89.6	90.0	90.2	90.3	90.5	90.6	90.8	90.8	90.8	90.8
12.6	30 • 7	33.1	37.0	70.0	7042	70.3	70.7	70.0	70.0	,0.0	70.0	70.0
·•• 3	33.1	99.8	91.5	91.9	92.2	92 • 4	92.7	92.8	92.9	92.9	92.9	92.9
4.5	83.4	90.1	91.8	92.4	92.6	92.8	93.1	93.2	93.3	93.3	93.3	93.3
5.1	99.9	90.6	92.6	93.1	93.3	93.7	94.1	94.2	94.3	94.3	94.3	94.3
-5.7	89.9	91.6	93.7	94.3	94.5	94.5	95.4	95.5	95.7	95.7	95.7	95.7
5.5 • 7	90.0	91.8	94.0	94.7	94.9	95.3	95.8	95.9	96.1	96.1	96.1	96.1
17.9	90.4	92.3	94.8	95.7	95.9	96.3	97.1	97.2	97.4	97.4	97.4	97.4
. 9	90.5	92.5	95.1	95.9	96.2	96.7	97.7	97.9	98.2	98.2	98.2	98.2
15.3	99.6	92.5	95.1	95.9	96.5	96.9	98.2	98.3	98.6	98.6	98.8	98.8
35.9	90.5	92.5	95.1	96.1	96.5		98.2	98.3	99.0	99.0	99.6	99.7
12.9	90.6	92.5	95.1	96.1	96.5	96.9 95.9	98.2	98.3	99.0	99.0	99.6	99.9
, , , ,	70.0	76.0	7/01	70.1	70 • 3	70 • 7	70.6	7043	77.0	, ,,,,,	77.0	77.7
·	90.6	92.5	35.1	95.1	76.5	96.9	98.2	98.3	99.0	99.0	99.6	100.0
	• • • • • •	• • • • • • •	• • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •

21

933

į

OPERATING LOCATION "A" "
USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL FROM HOURLY OBSERVATIONS

			724285	LST	TO UTC	+ 5	KENBACKE				MONTH:	OF REC	URS: AL	
	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •				STATUTE		• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
	.M .E.1:40	GE	GΞ	GE	GF		GE GE	GE	GE	GE	GE	GE	GE	SE
	ET	7	9 <u>-</u> 6	5	4	3	2 1/2	2		1 1/4	ī	3/4	5/8	1/2
									1 1 1 1 1 1 1 1				.,,,,	
										••••				
ВИ	CEIL	29.3	30.0	30.7	31.0	31.3	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6
GE	20000	33.3	34.0	34.3	35.1	35.5	35.6	35.7	35.8	35.8	35.8	35.9	35.9	35.0
GE	19000	33.3	34.1	34.3	35.1	35.5	35.6	35.8	35.8	35.8	35.9	35.9	35.9	35.1
GE	16000	33.3	34.1	34.8	35.2	35.5	35.5	35.8	35.8	35.8	35.9	35.9	35.9	35.4
	14000	33.8	34.5	35.3	35.7	36.1	36.2	36.3	36.4	36.4	36.4	36.5	36.5	36.5
GE	12000	34.4	35.2	36.1	36.4	36.8	36.9	37.1	37.1	37.1	37.2	37.2	37.2	37.i
GΕ	10000	37.3	33.3	39.2	39.7	40.1	40.2	40.3	40.4	40.4	40.4	40.5	40.5	40.5
G=	9000	33.1	33.0	40.0	40.5	41.0	41.0	41.2	41.3	41.3	41.3	41.3	41.3	41.
GE	8000	41.8	42.9	44.7	44.5	45.0	45.1	45.3	45.3	45.3	45.4	45.4	45.4	45.4
GE	7000	42.2	43.3	44.5	45.0	45.6	45.7	45.8	45.9	45.9	45.9	46.0	46.0	46.(
GE	6000	42.7	43.3	45.0	45.7	45.3	45.4	46.5	46.6	45.6	46.7	46.7	46.7	46.1
GE	5200	44.3	46.0	47.3	48.2	43.8	49.0	49.2	49.3	49.3	49.3	49.4	49.4	49.1
C, F	4577	47.0	43.3	49.8	50.5	51.4	51.5	51.3	51.9	51.9	51.9	52.0	52.0	52.0
ĢE	4200	47.0	50.4	52.1	53.1	53.9	54.1	54.4	54.5	54.5	54.6	54.7	54.7	54.1
GĒ	3500	51.7	53.3	55.0	56.1	57.1	57.3	57.6	57.7	57.8	57.9	58.0	58.0	58.0
GE	3000	55.9	57.3	59.9	61.2	62.4	62.6	63.1	63.2	63.3	63.4	63.5	63.5	63.5
GE	2500	62.9	53.2	55.0	57.5	67.2	59.6	70.2	72.4	70.5	70.7	70.8	70.8	70.5
3=	2000	64.9	57.8	71.5	73.7	75.7	76.1	77.2	77.5	77.3	77.9	78.0	78.0	78.0
GE	1900	65.5	58.5	72.3	74.5	76.8	77.2	78.3	79.7	78.9	79.1	79.2	79.2	79.2
GE	1500	58.0	71.3	75.7	78.8	31.8	82.3	83.9	84.4	84.6	84.9	85.0	85.0	35.(
GE	1200	69.1	72.8	77.8	81.4	85.0	85.7	87.7	38.4	89.7	89.0	89.1	89.2	39.2
ĢĘ	1000	57.4	73.4	78.5	32.5	36.5	87.4	99.7	90.6	90.9	91.4	91.6	91.7	91.6
r, F	300	69.5	73.5	79.1	83.1	87.3	88.3	90.7	91.7	72.0	92.5	92.3	92.9	93.0
SE	300	69.3	74.0	79.7	84.0	88.4	89.5	92.1	93.1	93.5	94.1	94.5	94.6	94.7
GE	700	70.0	74.2	79.9	34.5	39.1	90.4	93.2	94.3	94.7	95.4	95.9	95.9	96.1
GΞ	500	70.0	74.2	80.1	34.7	39.4	90.9	93.9	95.1	95.6	96.5	97.0	97.1	97.3
35	500	70.0	74.3	90.1	94.3	39.7	91.1	94.5	95.8	96.3	97.3	98.0	98.1	98.4
ĢE	400	70.0	74.3	30.1	34.3	89.7	91.2	94.7	95.1	96.6	97.7	98.5	98.7	99.(
Ģ€	300	70.0	74.3	90.1	84.8	89.7	91.2	94.7	95.2	96.7	97.8	98.7	98.9	99.3
GE	200	70.0	74.3	30.1	94.8	89.7	91.2	94.7	96.2	96.7	97.8	98.7	93.9	99.4
GE	100	70.0	74.3	30.1	84.9	89.7	91.2	94.7	96.2	96.7	97.8	98.7	99.0	99•!
ĢĘ)))	70.0	74.3	90.1	84.8	39.7	91.2	94.7	96.2	96.7	97.9	98.7	99.0	99•

TOTAL NUMBER OF DESERVATIONS 7440

"PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY - FROM HOURLY OBSERVATIONS

MAR NCIT		KENBÄCKE	R ANGS			MONTH:	JAN HOL	DRD: MI JRS: ALI		FEB 88		
	*****	VISIBILI	TV TRI			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •		• • • • • • •	••••
O.E	38	GE	GE	SE		GE		GE	GE	GE	GE	GE
,	3							5/3			-	0
4		2 1/2	2		1 1/4	1	3/4		1/2	3/8	1/4	J
• • • • • • •	• • • • • •	• • • • • • • •		• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •
31.0	31.3	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
35.1	35.5	35.6	35.7	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9
35.1	35.5	35.6	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9
35.2	35.5	35.5	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9
35.7	35.1	36.2	36.3	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5
36.4	36.8	36.9	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2
30.4	30.5	3067	J	3111	31.41	2116	31.62	3102	3102	2112	J	31.6
39.7	40.1	40.2	40.3	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5
40.5	41.0	41.0	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
44.5	45.0	45.1	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4
45.0	45.6	45.7	45.8	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0
45.7	45.3	46.4	46.5	46.6	45.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7
		,				, , ,						
• 2	49.8	49.0	49.2	47.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4
50.5	51.4	51.5	51.3	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0
53.1	53.9	54.1	54.4	54.5	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7
55.1	57.1	57.3	57.6	57.7	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0
51.2	62.4	62.6	63.1	63.2	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5
3102	52.	3243	3301	3342	03.3	93	0307	9343	3345			0343
67.5	57.2	59.5	70.2	72.4	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8
73.7	75.7	76.1	77.2	77.5	77.3	77.9	78.0	78.0	78.0	78.0	78.1	78.1
74.5	75.8	77.2	78.3	78.7	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2
75.8	31.3	82.3	83.9	84.4	84.6	84.9	85.0	85.0	35.0	85.0	85.0	85.0
41.4	35.0	35.7	87.7	98.4	88.7	89.0	89.1	89.2	89.2	89.2	89.3	89.3
, ,	,,,,,	3741	3,11	300 .	0341	٠,•٥	0,,,,	0,42	3,00	3,42	37.5	3,63
32.5	35.5	87.4	89.7	90.6	90.9	91.4	91.6	91.7	91.8	91.8	91.8	91.8
v3.1	87.3	88.3	90.7	91.7	92.0	92.6	92.8	92.8	93.0	93.0	93.0	93.0
94.0	89.4	89.5	92.1	93.1	93.5	94.1	94.5	94.6	94.7	94.7	94.7	94.7
34.5	39.1	90.4	93.2	94.3	94.7	95.4	95.9	95.9	96.1	96.1	96.1	96.1
34.7	39.4	90.9	93.9	95.1	95.6	96.5	97.0	97.1	97.3	97.3	97.3	97.3
, , , ,	3 / 6 (,,,,,		,,,,,	,,,,	,,,,,	,,,,		,,,,		,,,,	,,,,
34.3	89.7	91.i	94.5	95.8	96.3	97.3	98.0	98.1	99.4	98.4	98.4	98.4
34.3	89.7	91.2	94.7	95.1	96.6	97.7	98.5	98.7	99.0	99.1	99.1	99.1
34.3	89.7	91.2	94.7	95.2	96.7	97.8	98.7	98.9	99.3	99.3	99.4	99.5
34.8	89.7	91.2	94.7	96.2	96.7	97.8	98.7	98.9	99.4	99.6	99.7	99.8
44.9	89.7	91.2	94.7	96.2	96.7	97.3	98.7	99.0	99.5	99.6	99.8	100.0
				,	, • • •	, , , ,						
34.3	39.7	91.2	94.7	95.2	96.7	97.B	98.7	99.0	99.5	99.5	99.8	100.0
												

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI FROM HOURLY OBSERVATIONS

ST	ATION N	UMBER:	724285		TION NAM		KENBACKE	R ANGB	ЭН		PERIOD MONTH:		CᲔᲓᲔ: ™ HᲔURS:	
00	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		VISIBILI				• • • • • • •	• • • • • •	• • • • • • •	• • • •
	[// [// 146	G.E.	G E	GE	GE	3E	GE 13181F1	GE GE	SE SE	GE	G Ę	GE	GE	
	EFT	7	6	5	4	3	2 1/2	2		1 1/4	l	3/4	578	1
	 			,			2 1/2 ••••••					2/4	2/3	
•••		••••			,							•••••	•••••	,
NO	CEIL	32.7	33.5	34.6	34.7	35.3	35.7	36.0	36.2	36.2	36.2	36.2	36.2	3
GΞ	20000	35.9	35.5	38.3	38.5	39.1	39.5	39.8	39.7	39.9	39.7	39.9	39.9	3.
G.	19000	35.0	36.7	39.4	38.6	39.2	39.6	39.9	40.0	40.0	40.0	40.0	40.0	41
GE	15000	35.9	36.7	38 4	38.6	39.2	39.6	39.9	40.0	40.0	40.0	40.0	40.0	4:
GE	14000	36.2	37.0	39.6	38.9	39.5	39.8	40.2	40.3	40.3	40.3	40.3	40.3	4.
GE	12000	36.9	37.7	39.5	39.7	40.3	40.6	41.0	41.1	41.1	41.1	41.1	41.1	4
GE	10000	39.9	40.B	42.6	42.9	43.5	43.8	44.2	44.3	44.3	44.3	44.3	44.3	41
G E	9000	41.9	42.5	44.5	44.3	45.3	45.7	45.1	46.2	46.2	45.2	46.2	45.2	41
G.E	8000	43.5	44.3	46.3	46.5	47.1	47.5	47.8	47.9	47.9	47.9	47.9		4
GE	7000	45.1	46.1	48.1	48.4	49.0	49.4	49.7	49.8	49.8	49.8	49.8	49.8	4 <
GE	6000	45.5	40.4	48.4	48.9	49.5	49.8	50.2	50.3	50.3	50.3	50.3	50.3	5(
GE	5000	43.3	49.5	51.5	51.9	52.7	53.0	53.5	53.6	53.6	53.5	53.6	53.6	5:
3=	4500	47.7	50.9	53.3	53.5	54.2	54.5	55.0	55.1	55.1	55.1	55.1	55.1	51
55	4000	53.2	54.5	57.0	57.7	58.4	58.9	59.2	59.4	59.5	59.5	59.5	59.5	54
ĢĘ	3500	55.8	57.2	59.7	60.4	61.2	51.5	62.1	62.2	62.3	62.3	62.3	52.3	52
GE	3000	59.5	61.2	54.3	65.4	66.2	66.5	67.0	67.1	67.3	67.3	67.3	67.3	61
GE	2500	53.4	55.1	68.9	70.0	70.8	71.1	71.5	71.7	71.8	71.3	71.8	71.8	72
7,5	2000	67.1	59.3	73.5	74.3	76.1	76.4	75.9	77.0	77.3	77.3	77.3	77.3	
GE	1800	67.4	59.5	74.0	75.3	76.7	77.0	77.5	77.6	77.9	79.0	78.0	79.0	78
ÇE	1500	70.3	72.7	77.6	79.0	30.4	80.8	82.0	32.3	32.5	82.7	82.7	82.7	A;
GΕ	1200	72.0	75.0	30.1	32.0	93.7	84.2	85.7	86.3	86.7	86.8	86.9	36.9	87
GΕ	1000	72.3	75.4	60.3	32.8	94.8	85.3	86.9	87.5	87.9	88.1	68.2	33.2	Ąi
35	900	72.4	75.5	31.3	83.3	85.6	95.3	88.0	88.6	38.9	39.2	89.3	39.3	Ąt
3E	800	73.1	76.3	92.0	84.0	86.6	37.5	89.2	99.0	90.3	90.6	90.8	90.8	91
GE	700	73.1	76.3	32.1	84.1	35.9	87.9	89.8	90.7	91.2	91.4	91.9	91.9	9;
ĠΕ	600	73.1	76.3	32.3	34.6	37. 6	38.7	90.8	91.9	92.5	92.7	93.2	93.3	9:
GΕ	500	73.1	75.3	52.3	84.6	37.9	39.3	91.4	92.7	93.3	93.в	94.5		
S٢	400	77.1	76.3	32.4	94.3	89.1	39.5	91.5	93.1	93.9	94.6	95.5		9#
GE	300	73.1	76.3	92.4	84.3	99.1	89.5	91.6	93.1	93.9	94.8	95.8	96.1	91
ĢE	200	73.1	76.3	82.4	84.8	88.1	89.5	91.6	93.1	93.9	94.8	96.1	96.5	91
GE	100	73.1	76.3	82.4	84.8	ਰੇਖ•1	89.5	91.6,	93.1	93.9	94.3	96.1	96.5	97
35	200	73.1	75.3	32.4	34.8	38.1	89.5	91.6	93.1	93,9	94.8	96•1	96.5	a.

TOTAL NUMBER OF DBSERVATIONS 849

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY ORSERVATIONS

• • • • • •	• • • • • • •	visisiti	TY IN		MHES			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••
G.F		GE	GE	35	GE	G E	GF	GE	GE	GE	GE	GE
4	3	2 1/2		1 1/2		1	3/4	5/8	1/2	3/8	1/4	O
	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • • •	• • • • • •	• • • • • •
34.7	35.3	35.7	36.0	36.2	36.2	36.2	36.2	35.2	36.2	36.2	36.3	36.3
35.5	39.1	39.5	39.8	39.7	39.9	39.4	39.9	39.9	39.9	39.9	40.0	40.0
13.5	39.2	39.6	39.9	40.0	40.0	47.0	40.0	40.0	40.0	40.0	40.2	40.2
33.6	37.2	39.6	39.9	49.0	40.0	40.0	40.0	40.0	40.0	40.0	40.2	40.2
38.9	39.5	39.8	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.4
39.7	40.3	40.5	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2
42.9	43.5	43.8	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.4
44.3	45.3	45.7	45.1	46.2	46.2	46.2	46.2	45.2	46.2	46.2	46.3	46.3
46.5	47.1	47.5	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.1	48.1
49.4	49.0	49.4	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9
45.9	49.5	49.8	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4
51.9	52.7	53.0	53.5	53.6	53.6	53.5	53.6	53.6	53.6	53.6	53.7	53.7
53.5	54.2	54.5	55.0	55.1	55 · I	55 · I	55.1	55.1	55.1	55.1	55.2	55.2
57.7	53.4	55.3	59.2	59.4	59.5	59.5	59.5	59.5	59.6	59.6	59.7	59.7
50.4	51.2	51.5	62.1	62.2	62.3	52.3	62.3	52.3	52.4	62.4	62.5	62.5
55.4	55.2	66.5	67.0	67.1	67.3	67.3	67.3	67.3	67.4	67.4	67.5	67.5
70.0	70.8	71.1	71.5	71.7	71.8	71.3	71.8	71.8	72.0	72.0	72.1	72.1
74.3	76.1	76.4	75.9	77.0	77.3	77.3	77.3	77.3	77.4	77.4	77.5	77.9
75.3	75.7	77.0	77.5	77.6	77.9	79.0	78.0	79.0	78.1	78.1	78.2	78.6
79.3	90.4	80.9	92.0	32.3	32.5	82.7	82.7	82.7	82.8	82.8	82.9	83.3
32.0	33.7	84.2	85.7	96.3	86.7	86.3	86.9	36.9	87.2	87.2	97.4	87.8
32.8	34.5	35.3	36.9	87.5	87.9	88.1	88.2	88.2	88.5	88.5	88.7	89.0
-3.3	35.6	85.3	33.0	99.6	38.9	39.2	39.3	39.3	89.5	89.5	99.8	90.1
44.0	36.6	37.5	89.2	99.0	90.3	90.6	90.3	90.8	91.3	91.3	91.5	91.9
34.1	35.9	87.9	89.8	90.7	91.2	91.4	91.9	91.9	92.3	92.3	92.6	92.9
34.5	37.6	38.7	90.8	91.9	92.5	92 • 7	93•2	93.3	93.8	93.8	94.0	94.6
34.0	37.9	99.3	91.4	92.7	93.3	93.8	94.5	94.6	95.1	95.1	₹5.3	96.2
94.9	39.1	99.5	91.6	93.1	9 3.9	94.6	95.5	95.8	96.2	96.2	96.7	97.6
84.3	39.1	89.5	91.6	93.1	93.9	94.8	95.8	96.1	96.8	96.8	97.3	98.6
84.3	88.1	99.5	91.6	93.1	93.9	94.8	96•1	96.5	97.4	97.4	97.9	99.2
ਰ4.ਤੇ	33.1	89.5	91.6	93.1	93.9	94.3	96.1	96.5	97.5	97.5	98.0	99.9
34.3	39.1	89.5	01.5	93.1	93.9	94.8	96•1	96.5	97.5	97.5	98.1	100.0

OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIES FROM HOUPLY DRISERVATIONS

STA	TION N	UMBER:	724285		TO UTC		(ENBÀCKE	R ANGB	OH.		COIPSE HINOM		CORD: HOURS:	MAR 78 03-05
CEI	LING	• • • • • •	• • • • • • • •	*****	• • • • • • •		/ISIBILI	TV IN S	STATHTE	MILES	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
	H	G E	ge	3Ε	G F	GE '	GE	SE	56	GE	GF	GE	G E	GΞ
_	E T	7	5	5	4	3	2 1/2	2		1 1/4	1	3/4	5/9	1/2
											• • • • • •			
			• • • • • • • •											
NO	CEIL	32.9	33.3	33.7	34.5	35 • 1	35.6	36.4	36.5	36.5	37.0	37.1	37.1	37.
SE	20000	35.0	35.5	36.0	36.9	37.5	37.9	33.A	33.9	38.9	39.3	34.5	33.5	39.
SE	19000	35.0	35.5	36.0	37.0	37.6	38.0	34.9	39.0	39.0	39,5	39.6	37.6	39.
GE	16000	35.0	35.5	35.0	37.0	37.6	38.0	39.9	39.0	39.0	39.5	39.6	39.6	39.
GE	14000	35.2	35.7	36.3	37.2	37.8	38.3	39.1	39.2	39.2	39.7	39.3	39.8	39.
65	12000	35.3	35.8	36.4	37.3	37.9	33.4	39.2	39.3	39.3	39.3	39.9	39.9	39.
SE	10000	35.7	37.2	37.3	38.3	37.3	39.8	40.6	40.8	40.8	41.2	41.3	41.3	41.
35	იეეე	34.5	39.9	39.3	40.3	41.3	41.8	42.5	42.8	42.3	43.2	43.3		
ĢĒ	3000	42.3	43.3	44.2	45.2	45.9	46.4	47.2	47.3	47.3	47.8	47.9	-	
GE	7000	44.1	44.5	45.5	46.5	47.2	47.7	48.5	48.5	43.5	49.1	49.2	49.2	43.
GE	6000	44.3	45.0	45.3	45.9	47.7	48.2	49.1	49.2	49.2	49.7	49.8	49.3	49.
G÷	5000	45.7	45.4	47.2	48.4	47.2	49.7	50.5	50.8	50.3	51.2	51.4	51.4	
GE.	4500	47.7	43.4	44.7	51.0	51.8	52.3	53.2	53.4	53.4	53.4	53.9	53,3	53.
GE	4000	52.2	53.2	54.9	56.4	57.4	57.8	59.0	59.1	59.1	59.6	59.7	59.7	59.
GE	3500	53.4	54.7	56.5	53.2	57.1	59.6	60.B	60.9	50.9	61.4	51.5	61.5	61.
GE	3000	56∙ช	54.2	50.9	63.0	64.2	64.8	56.0	66.1	65.1	66.5	66.7	65.7	55.
G F	2500	50.3	61.7	54.7	57.3	53.5	59.3	70.7	70.9	70.8	71.3	71.4	71.4	71.
ar.	2000	62.5	54.2	57.4	70.5	71.3	72.5	74.1	74.2	74.2	74.7	74.9	74.9	
35	1900	62.3	54.5	58.0	71.1	72.5	73.3	74.8	74.9	74.9	75.4	75.6	75.6	75.
ĠΕ	1500	66.5	55.8	72.4	76.1	77.9	78.6	80.4	80.3	30.8	81.3	81.5	81.5	31.
SE	1200	53.1	70.4	74.4	73.7	80.4	81.2	83.4	83.9	84.0	84.7	84.9	54.9	
3=	1000	50.4	71.4	75.4	79.5	31.5	92.4	34.3	35.3	35.4	35.1	₽6.3	95.3	. P5.
7,=	999	64.5	71.7	75.1	90.4	92.8	H3.7	85.2	35.9	37.3	98.0	68.3		
SE	900	59.9	72.2	75.3	31.2	83.6	84.7	87.2	33.0	88.3	39.0	89.4	P9.4	£9.
GE	700	69.0	72.3	77.0	81.4	84.0	85.4	88.1	89.0	89.4	90.2	90.8	90.8	90.
SE	600	69.1	72.5	77.4	32.2	84.8	86.3	89.4	90.7	91.3	92.3	92.9	92.9	92.
;c	501	52.4	72.9	77.7	32.6	85.3	86.7	07.1	91.9	12.7	93.8	94.5	94.7	94.
95	400	60.5	73.0	77.7	a2.9	45.5	87.3	90.6	92.7	93.5	94.8	95.5	95.4	95.
G.E.	300	59.5	73.0	77.9	82.9	35.6	97.3	90.6	92.8	93.8	95.2	95.9	96.1	96.
GE	200	59.5	73.0	77.9	32.9	35,5	87.3	90.6	92.9	93.9	95.5	96.6	96.8	
GΕ	100	69.5	73.9	77.9	82.9	35.5	87.3	90.6	92.9	93.9	95.5	96.6	90.3	97.
35	າດາ	57.5	73.0	27.9	92.9	35.6	87.3	90.5	92.9	33.3	95.5	95.5	96.3	97.

TOTAL NUMBER OF DASERVATIONS 849

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

EON HAN		KENBACKE	R ANGB	ीम		MONTH:		HOURS: (03-05	FEB 88		
,		visiaili	TY IN	STATUTE		• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••
C. C. C.	35	GE.	SE	ge .	GE	GE	SE	GΞ	GE	GE	GE	GE
4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
34.5	35.1	35.6	36.4	36.5	36.5	37.0	37.1	37.1	37.1	37.1	37.1	37.3
20.0	37.5	37.9	34.2	33.9	39.9	39.3	39.5	39.5	39.5	39.5	39.5	39.7
17.)	37.5	38.0	34.9	39.0	39.0	39.5	39.6	39.6	39.6	39.5	39.6	39.8
37.9	37.6	38.0	34.9	39.0	39.0	39.5	39.6	39.6	39.6	39.5	39.6	39.8
37.2	37.3	38.3	39.1	39.2	39.2	39.7	39.8	39.8	39.8	39.8	39.8	40.0
37.3	37.9	37.4	39.2	39.3	39.3	39∙₹	39.9	39.9	39.9	39.9	39.9	40.2
44.3	37.3	39.3	40.5	40.8	40.8	41.2	41.3	41.3	41.3	41.3	41.3	41.6
40.3	41.3	41.8	42.5	42.3	42.3	43.2	43.3	43.3	43.3	43.3	43.3	43.6
45.2	45.9	46.4	47.2	47.3	47.3	47.8	47.9	47.9	47.9	47.9	47.9	48.2
+5.5	47.2	47.7	48.5	48.5	43.5	49.1	49.2	49.2	49.2	49.2	49.2	49.5
. 47.0	47.7	48.2	49.1	49.2	49.2	49.7	49.8	49.8	49.8	49.8	49.8	50.1
4	47.2	49.7	50.5	50.3	50.3	51.2	51.4	51.4	51.4	51.4	51.4	51.6
1.0	51.3	52.3	53.2	53.4	53.4	53.8	53.9	53.9	53.9	53.9	53,9	54.2
31.4	57.4	57.8	59.0	59.1	59.1	59.6	59.7	59.7	59.7	59.7	59.7	60.0
54.2	57.1	59.6	50 • ಕ	60.9	60.9	61.4	51.5	61.5	61.5	61.5	61.5	61.7
53.0	5++2	64.8	55.0	56.1	65.1	66.5	66.7	66.7	65.7	66.7	66.7	66.9
7.3	53.5	59.3	70.7	70.9	70.2	71.3	71.4	71.4	71.4	71.4	71.4	71.6
73.5	71.	72.5	74.1	74.2	74.2	74.7	74.9	74.9	74.9	74.9	74.9	75.1
71.1	72.5	73.3	74.8	74.9	74.9	75.4	75.6	75.6	75.6	75.6	75.7	76.0
75.1	77.3	78.6	80.4	80.3	30.B	81.3	81.5	81.5	31.5	81.5	81.5	81.9
73.7	30.4	-1.2	33.4	83.9	34.0	84.7	94.9	54.9	84.9	34.9	85.2	85.4
77.5	31.5	32.4	34.3	35.3	35.4	46.1	86.3	95.3	86.3	96.3	85.5	86.8
	97.9	43.7	65.2	36.9	37.3	98.0	H8.3	88.3	88.3	89.3	88.6	88.8
1.2	33.6	34.7	37.2	33.0	38.3	89.0	89.4	29.4	89.4	89.4	89.6	89.9
1.4	34.0	95.4	88.1	89.0	89.4	90.2	90.8	90.8	90.8	90.8	91.0	91.3
	34.3	₹6.3	89.4	90.7	91.3	92.3	92.9	92.9	92.9	92.9	93.2	93.4
7.6	35.3	36.9	02.1	91.9	92.7	93.8	94.5	94.7	94.7	94.7	95.1	95.6
	45.6	47.3	30.5	92.7	73.5	94.8	25.5	95.8	96.1	96.1	96.5	97.2
12.0	35.5	97.3	90.6	92.8	93.8	95.2	95,9	96.1	96.5	95.5	96.9	97.8
12.9	35.5	37.3	90.6	92.9	93.9	95.5	96.6	96.8	97.2	97.2	97.8	98.8
n2.9	35.6	47.3	90.5	92.9	93.9	95.5	96.6	96.3	97.4	97.4	98.1	100.0
.7.9	35.5	37.3	90.6	22.9	33.5	95.5	95.6	96.3	97.4	97.4	98.1	100.7
· · · · · · ·	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •

OPERATING LOCATION MAM OUSAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILI FROM HOURLY OBSERVATIONS

STA	TION	NUMBERT	724295	LST	to utc:	+ 5	KENBACKE		3 OH		PERIOD:	FEB	HOURS:	1AR 78 - 06-08
CE 1	1 1 1 1 1 1	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • •				OTATHE		• • • • • • •	• • • • • •	• • • • • • •	•••••
	LING N	3€	g.c	SE	GE	SE	GE AT 2 TO LC L	GE	STATUTE GE	GE	GF	GE	GE	GF
-	ET	7	5	5	4	3	2 1/2	2		1 1/4	1	3/4	5/3	1/2
1 2									1 1/2				973	172
•••	• • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • •	• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •
СИ	CEIL	26.6	27.9	29.6	31.0	32.5	32.6	33.2	33.5	33.5	33.5	33.7	33.7	33.8
GE	20000	29.7	31.2	32.9	34.4	35.9	36.0	36.6	36.7	36.9	35.9	37.1	37.1	37.2
SE	19000	29.7	31.2	32.9	34.5	35.0	36.2	36.7	37.0	37.0	37.0	37.2	37.2	37.3
GE	15000	29.7	31.2	32.9	34.5	35.0	36.2	36.7	37.0	37.3	37.0	37.2	37.2	37.3
GF	14000	20.9	31.3	33.0	34.5	36.2	36.3	36.9	37.1	37.1	37.1	37.3	37.3	37.5
GE	12000	30.0	31.6	33.3	35.1	36.6	36.7	37.3	37.6	37.6	37.6	37.8	37.8	37.9
GF	10000	32.0	33.7	35.5	37.3	39.0	39.1	39.7	39.9	39.9	40.0	40.3	40.3	40.4
GE	9000		34.7	36.5	38.4	42.0	40.2	40.8	41.0	41.0	41.1	41.3	41.3	41.5
GE	3000	35.5	33.5	40.4	42.3	44.1	44.2	44.8	45.0	45.0	45.1	45.3	45.3	45.5
GE	7000	38.0	39.9	41.3	43.9	45.7	45.8	46.4	45.5	46.6	46.8	47.0	47.0	47.1
GE	6000	33.3	40.3	42.4	44.5	46.3	46.4	47.0	47.2	47.2	47.3	47.6	47.6	47.7
GĒ	5000	39.3	42.5	44.3	46.9	43.5	43.3	49.4	49.5	49.6	49.7	49.9	49.9	50.1
ς.c	4500	41.5	44.4	45.5	48.3	50.5	50.6	51.2	51.5	51.5	51.5	51.8	51.0	51.9
GE.	4000	45.3	47.9	50.4	52.8	54.5	54.3	55.4	55.7	55.7	56.2	56.4	56.4	56.5
ĢĘ	3500	47.0	49.6	52.3	54.9	56.9	57.2	53.0	58.3	58.3	53.8	59.0	59.0	59.1
ĞĔ	3000	50.5	53.2	56.4	59.0	51.1	61.5	52.7	63.0	63.0	63.5	63.7	53.7	54.0
GΕ	2500	53.5	36.3	59.7	62.a	65.0	65.5	56.7	67.0	67.0	67.5	67.7	57.7	53.0
ĢF	2000	56.2	59.1	53.1	66.3	59.6	70.2	71.5	72.1	72.1	72.6	72.8	72.8	73.0
GE	1800	56.7	50.0	54.1	68.9	79.7	71.3	72.7	73.1	73.1	73.6	73.9	73.9	74.1
GE	1500	59.1	62.3	57.3	71.3	74.7	75.3	76.3	77.4	77.5	78.2	78.6	78.6	79.0
GE	1200	51.2	o5.0	70.0	74.3	77.9	78.4	80.4	31.4	81.5	82.2	82.6	92.6	83.0
Ĵέ	1000	52.0	50.3	71.3	75.7	79.3	80.1	32.3	83.4	33.5	84.5	34.9	34.9	35.4
G.E	990	62.1	56.5	71.7	76.2	79.9	90.8	83.0	34.5	34.6	95.7	86.1	86.1	96.5
GE	800	62.1	55.5	72.1	76.7	30.4	81.4	83.9	45.4	35.5	96.7	47.0	97.0	87.5
r, F	700	52.2	55.9	72.3	77.0	80.8	82.1	84.7	36.3	36.5	37.8	F3.5	33.6	99.3
GΕ	50 0	62.3	57.3	72.8	77.7	31.6	82.9	85.5	87.4	87.5	83.9	89.6	89.8	90.5
GE	500	52.4	57.4	73.0	7:.2	32.2	83.6	85.3	88.5	88.7	90.1	90.3	90.9	91.8
SE	47.)	52.5	57.5	73.4	78.7	83.0	94.7	87.4	89.9	90.3	2.1	92.9	93.2	94.1
SE	300	62.5	67.6	73.4	78.7	83.0	94.7	87.5	90.1	90.7	92.7	93.8	94.0	94.9
GΕ	200	62.5	67.6	73.4	79.7	33.0	84.7	87.5	90.2	90.8	93.2	94.3	94.6	95.9
GΕ	100	62.5	67.5	73.4	78.7	33.0	84.7	87.6	90.2	90.8	93.2	94.6	94.8	96.2
5E	001	62.5	57.5	73.4	75.7	83.0	84.7	37.5	90.2	90.9	93.2	94.5	94,8	96.2

TOTAL NUMBER OF DASERVATIONS 849

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 78 - FEB 88

ON NAME: RICKENBACKER ANGB OH

LIT	C: + 5	AC 1545AC				MONTH:		HOURS:	06-08	7 20 30		
		VISIBILI	TY IN	STATUTE	MILES							
3.7	SE	GE	GE	GE	GE		GE	GE	GE	GE	GE	GE
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4		1/2	3/8	1/4	Ö
						_	-	• • • • • •				
31.9	32.5	32.6	33.2	33.5	33.5	33.5	33.7	33.7	33.8	33.8	34.0	34.2
Ì., ,	35.0	24.0	2//	~	2. 0	2. 2						
14.4		36.0	36.6	36.9	36.9	35.9	37.1	37.1	37.2	37.2	37.5	37.6
34.3	36.0	35.2	36.7	37.0	37.0	37.0	37.2	37.2	37.3	37.3	37.6	37.7
14.5	35.0	36.2	36.7	37.0	37.3	37.0	37.2	37.2	37.3	37.3	37.6	37.7
14.5		36.3	36.9	37.1	37.1	37.1	37.3	37.3	37.5	37.5	37.7	37.9
35.1	35.6	36.7	57.3	37.6	37.6	37.5	37.8	37.8	37.9	37.9	38.2	38.3
.7.3	39.0	39.1	39.7	39.9	39.9	40.0	40.3	40.3	40.4	40.4	40.6	40.8
. 4	42.9	40.2	40.8	41.0	41.0	41.1	41.3	41.3	41.5	41.5	41.7	41.8
.2.3	44.1	44.2	44.8	45.0	45.0	45.1	45.3	45.3	45.5	45.5	45.7	45.8
.3.9		45.8	46.4									
•				45.5	46.6	46.8	47.0	47.0	47.1	47.1	47.3	47.5
•••5	46.3	46.4	47.0	47.2	47.2	47.3	47.6	47.6	47.7	47.7	47.9	48.1
,		43.3	49.4	49.5	49.5	49.7	49.9	49.9	50.1	50.1	50.3	50.4
1	50.5	50.5	51.2	51.5	51.5	51.5	51.8	51.8	51.9	51.9	52.2	52.3
1	54.5	54.8	55.4	55.7	55.7	56.2	56.4	56.4	56.5	56.5	56.8	56.9
4.4		57.2	59.0	58.3	58.3	58.8	59.0	59.0	59.1	59.1	59.4	59.5
9.0		51.5	62.7	63.0	63.0	63.5	63.7	53.7	64.0	64.0	64.2	64.3
1												
, ? • •	55.0	55.5	56.7	67.0	67.0	67.5	67.7	57.7	63.0	68.0	68.2	68.3
.	59.5	70.2	71.5	72.1	72.1	72.6	72.8	72.8	73.0	73.9	73.3	73.4
	77.7	71.3	72.7	73.1	73.1	73.6	73.9	73.9	74.1	74.1	74.3	74.4
11.3	74.7	75.3	76.3	77.4	77.5	78.2	78.6	78.6	79.0	79.2	79.4	79.9
70.3	77.9	78.4	80.4	31.4	81.5	82.2	82.6	92.6	83.0	83.2	83.4	83.9
. 7	77.3	30.1		32 (0.2 5	0: 1	2. 0		25 /	25 5	05.7	04.3
		80.1	32.3	33.4	33.5	84.5	84.9	34.9	35.4	85.5	85.7	86.2
		80 · R	83.0	34.5	34.5	35.7	86.1	86.1	36.6	86.7	86.9	R7.4
2 :- ?		81.4	83.7	85.4	35.5	96.7	87.0	87.0	87.5	87.5	87.9	88.3
7.0		82.1	84.7	36.3	36.5	37.8	F3.5	39.6	89.3	89.4	89.6	90.1
7.7	31.6	82.9	85.5	87.4	87.5	83.9	89.6	89.8	90.5	90.6	91.0	91.5
1.2	32.2	83.6	85.3	88.5	33.7	90.1	90.3	90.9	91.8	91.9	92.8	93.3
1 .7		34.7	87.4	29.9	90.3	2.1	72.9	93.2	94.1	94.2	95.4	95.9
7		94.7	87.5	90.1	90.7	92.7	93.8	94.0	94.9	95.1	96.5	97.1
7		84.7	87.5	90.2	90.8	93.2	94.3	94.6	95.9	95.2	98.2	99.2
7		84.7	87.6	90.2	90.8	93.2	94.6	94.8	96.2	96.6	98.7	100.0
·	, , , ,	9771	.,,,,	70 • 2	70.5	7J • C	27 a U	77 . 0	70 • Z	70.0	7011	100.0
, 7	83.0	84.7	37.5	90.2	90.9	93.2	94.5	94.8	96.2	96.6	98 .7	100.0

OPERATING LOCATION #4#*
USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF DECURRENCE OF CEILING VERSUS VISIBIL! FROM HOURLY DESERVATIONS

STA	TION N	NHBES:	724285		ION NAN	+ 5	KENBACKE				MONTH:		RD: MA	
	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		/ISIBILI	TV IN S	TATHE	MTLES	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •
	7 1.40	GÇ	Ge	SE	GE	GE '	GE	GE	SE	GE	GE	GE	GE	GE
-	ET	''. 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	ì	3/4	5/8	1/2
									-					
•••	••••		• • • • • • • •											
NO	CEIL	25.5	27.4	29.3	30.5	31.7	32.0	32.7	33.0	33.0	33.2	33.3	33.3	33.3
GE	20000	29.3	32.2	34.4	36.4	37.5	37.8	35.6	33.9	38.9	39.2	39.3	39.3	39.3
GE	19000	30.0	32.4	34.6	36.5	37.7	38.0	38.9	37.1	39.1	39.5	39.6	39.6	39.6
SE	15000	30.0	32.4	34.6	36.6	37.7	38.0	38.9	37.1	39.1	39.5	39.5	39.6	39.6
GE	14000	30.0	32.5	34.9	37.1	38.2	38.5	39.3	39.6	39.5	39.9	40.0	40.0	40.0
GE	12000	30.9	33.5	35.9	38.2	39.2	39.6	40.4	40.5	40.6	41.0	41.1	41.1	41.1
SE	10000	33.0	35.A	38.5	40.3	42.0	42.4	43.2	43.5	43.5	43.P	43.9	43.9	43.9
35	9000	33.2	35.0	39.0	41.2	42.5	42.9	43.7	44.1	44.1	44.4	44.5	44.5	44.5
GE	9000	35.2	39.0	42.3	44.5	45.9	46.3	47.2	47.6	47.6	47.9	48.1	49.1	43.1
GE	7000	37.0	39.9	43.2	45.5	46.9	47.2	48.2	48.5	48.5	48.9	49.0	49.0	49.0
GE	6000	37.5	40.5	44.1	46.5	47.3	48.2	49.1	49.5	49.5	49.3	49.9	49.9	49.9
35	5000	30.3	4.2 . A	45.3	48.9	50.3	50.5	51.7	52.2	52.2	52.7	52.9	52.9	52.2
, =	4500	41.1	44.5	43.2	50.3	52.3	52.7	53.7	54.2	54.2	54.7	54.0	54.9	54.9
SE	4000	43.5	47.0	50.9	53.7	55.6	55.9	57.0	57.5	57.5	58.0	58.2	58.2	59.2
GE	3500	44.5	49.2	52.1	55.2	57.2	57.6	58.7	59.1	59.1	59.6	59.8	59.3	59.8
ĞĒ	3000	47.7	51.6	55.5	58.8	50.8	61.1	62.3	63.3	63.0	63.5	63.7	63.7	63.7
95	2500	50.1	54.1	53.4	62.0	64.0	64.3	65.1	66.3	55.8	67.3	67.5	57.5	57.5
ĢE	2000	52.0	57.7	52.5	57.1	69.5	70.9	72.1	73.0	73.0	73.6	73.9	73.9	73.9
ĢĒ	1300	53.4	53.2	63.0	57.5	70.1	70.4	72.7	73.6	73.6	74.2	74.4	74.4	74.4
GΕ	1500	56.4	51.7	56.3	71.8	75.0	75.7	78.8	80.1	80.3	81.5	81.9	31.9	32.0
GE	1200	57.2	53.0	58.3	73.5	77.0	77.7	81.4	82.3	83.2	84.7	84.9	84.9	35.0
7,5	1000	57.5	63.6	59.4	74.3	73.7	79.5	83.4	45.3	85.7	37.5	87.9	38.0	84.1
ÇE	990	57.5	63.7	59.5	75.7	79.2	80.1	34.2	P5.7	37.2	93.9	89.5	39.9	90.0
35	800	57.5	53 . 8	70.2	75.7	79.9	90.9	85.5	88.2	39.7	90.5	91.2	91.4	91.5
GΕ	700	57.6	53.3	70.2	75.9	90.0	31.2	85.9	33.6	89.0	90.9	92.1	92.6	92.7
GE	600	57.7	54.0	70.3	76.2	80.6	31.7	86.5	89.3	89.8	91.5	92.8	93.3	93.4
ĢĘ	500	57.7	54.0	70.3	76.3	30.9	32.1	25.8	99.9	90.3	92.5	93.9	94.3	94.7
SF	400	57.7	54.0	70.3	76.3	81.0	82.6	87.6	01.0	91.5	93.9	95.2	95.6	96.2
ĢĘ	300	57.7	54.0	77.3	76.3	91.0	82.6	87.6	91.0	91.5	94.1	95.5	95.0	96.9
GΕ	500	57.7	54.0	10.3	76.3	31.0	82.5	87.6	91.0	91.5	94.1	95.5	96.0	97.3
ÜĊ	100	57.7	64.0	70.3	76.3	81.0	32.6	87.6	91.0	91.5	94.1	95.5	96.0	97.3
G=	200	57.7	54.0	77.3	76.3	31.7	82.5	97.5	91.0	91.5	94.1	95.5	96.0	97.3
• • •	• • • • •	••••	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •

TOTAL NUMBER OF OBSERVATIONS 849

TON NAM		(ENBACKE	R ANGB			MONTH:	FEB H	RD: MA IDURS: 0	R 78 - 9-11	FEB 88		
	•••••	ISIBILI	* * * * * * * *	*******	ATTES	• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • •	•••••	••••
				SE	HIEED	GE	GE	GE.	GE	GE	GE	G E
GF.	SE	GE	GE 3	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
i,	3	2 1/2	2									
• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •		••••						
	31.7	32.0	32.7	33.0	33.0	33.2	33.3	33.3	33.3	33.5	33.6	33.6
30.5	31.1	32.0	26.1	33.0			:					
15.4	37.5	37.8	38.6	33.9	38.9	39.2	39.3	39.3	39.3	39.5	39.6	39.6
35.5	37.7	38.0	38.9	37.1	39.1	39.5	39.6	39.6	39.6	39.7	39.8	39.8
35.5	37.7	38.0	39.9	39.1	39.1	39.5	39.6	39.6	39.6	39.7	39.5	39.8
37.1	38.2	38.5	39.3	39.6	39.6	39.9	40.0	40.0	40.0	40.2	40.3	40.3
35.2	39.2	39.6	40.4	40.6	40.6	41.0	41.1	41.1	41.1	41.2	41.3	41.3
1	37.2	37.0								-		
• C • A	42.0	42.4	43.2	43.5	43.5	43.8	43.9	43.9	43.9	44.1	44.2	44.2
41.2	42.5	42.9	43.7	44.1	44.1	44.4	44.5	44.5	44.5	44.5	44.3	44.8
44.5	45.9	46.3	47.2	47.6	47.6	47.9	48.1	49.1	48.1	48.2	48.3	48.3
45.5	46.9	47.2	48.2	48.5	48.5	48.9	49.0	49.0	49.0	49.1	49.2	49 • 2
45.5	47.8	48.2	49.1	49.5	49.5	49.3	49.9	49.9	49.9	50.1	50.2	50.2
4.74.2	****	, 3 , 2									.	c 2 1
	50.3	50.5	51.7	52.2	52.2	52.7	52.9	52.9	52.9	53.0	53.1	53.1
	52.3	52.7	53.7	54.2	54.2	54.7	54.9	54.9	54.9	55.0	55.1	55.1
53.7	55.5	55.9	57.0	57.5	57.5	58.0	58.2	58.2	58.2	53.3	58.4	58.4
55.2	57.2	57.6	58.7	59.1	59.1	59.6	59.8	59.8	59.8	60.0	60.1	60.1
53.3	50.3	61.1	62.3	63.0	63.0	63.5	63.7	63.7	63.7	63.5	54.0	64.0
, ,											177	67.7
~2.O	54.0	64.3	65.1	66.8	55.3	67.3	67.5	57.5	67.5	67.6	47.7	74.2
· 7.1	57.5	70.0	72.1	73.0	73.0	73.6	73.9	73.9	73.9	74.0	74.2	
47.5	79.1	70.4	72.7	73.6	73.5	74.2	74.4	74.4	74.4	74.6	74.9	74.8
71.3	75.0	75.7	78.8	80.1	30.3	81.6	81.9	31.9	82.0	82.1	82.3	82.4
73.5	77.0	77.7	81.4	32.3	83.2	84.7	84.9	84.9	85.0	85.2	35.4	02.5
										88.3	83.5	88.7
74.5	73.7	79.5	93.4	ਲ5∙3	35.7	37.5	87.9	38.0	88.1		90.5	90.6
75.7	79.2	90.1	84.2	25.7	37. <i>2</i>	93.9	29.0	39.9	90.0	90.2	92.0	92.1
75.7	79.9	80.9	85.5	98.2	33.7	90.5	91.2	91.4	91.5	91.8		93.3
15.9	0.ce	31.2	85.9	88.6	39.0	90.9	92.1	92.6	92.7	92.9	93.2	94.0
75.2	80.5	31.7	86.5	89.3	89.8	91.5	92.8	93.3	93.4	93.6	93.9	77.0
								2. 2	2. 2	25 .	95.8	95.9
76.3	30.9	32.1	25.8	B9.9	90.3	92.5	93.9	94.3	94.7	95.4 96.9	97.3	97.4
10.3	81.0	82.6	87.6	91.0	91.5	93.9	95.2	95.5	96.2		98.6	99.7
75.3	91.0	82.0	87.6	91.0	91.5	94.1	95.5	95.0	96.9	98.0	99.4	99.6
75.3	31.0	92.5	87.6	91.0	91.5	94.1	95.5	96.0	97.3	98.5	99.4	100.0
15.3	81.0	92.6	87.6	91.0	91.5	94.1	95.5	96.0	97.3	98.5	77.4	10010
76.3	31.0	82.5	97.5	91.0	91.5	94.1	95.5	96.0	97.3	98.5	99.4	100.0
									• • • • • •	• • • • • •	• • • • • •	• • • • • •
				· ·								

į

OPERATING LOCATION "A" - PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITUSAFETAG, ASHEVILLE NO FROM HOURLY OBSERVATIONS

USAF	ETAC.	ASHEV	ILLE NO					F % J 79	HJUELI	DOSEKY	כייניגנא			
	-		724285	157	TO UTC:	+ 5	(ENBACKE				MONTH:		IOURS: 1	2-14
		• • • • • •		•••••	• • • • • • •	• • • • • •	/ISI31t.I	* * * * * * * * * * * * * * * * * * *		MITTER	• • • • • • •		• • • • • •	••••
	ING						GE	GE GE	STATUTE GE	GE	GE	GE	GE	GF
I h		GE	SE.	GĘ	GĘ	GE	2 1/2	2		1 1/4		3/4	5/8	1/2
FEE	= T	7	4	ร	4	3	2 1/2		1 1/2	1 1/4				
• • • •	• • • • • •	• • • • • •			•••••	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	•••••	• • • • • • • •			
NO 0	CEIL	27.0	29.2	30.3	30.7	31.3	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4
65	20000	33.9	35.3	37.5	38.0	38.6	38.6	33.8	38.8	38.8	38.8	38.8	39.8	38.8
	12000	34.4	35.9	33.2	38.6	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3
	16000	34.5	37.0	39.3	38.3	39.3	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5
	14000	34.9	37.3	39.9	39.5	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2
	12000	35.3	38.3	39.9	40.5	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3
OL.	12000	37.3	3.7.	3.0,										
C = 1	10000	37.3	40.3	41.9	42.5	43.3	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5
- 5E	9000	38.4	40.9	42.5	43.1	43.9	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1
ge.	9222	40.5	43.2	45.0	45.5	46.4	46.4	45.5	46.5	46.5	45.5	46.6	46.6	46.6
ĞΕ	7000	41.0	43.8	45.3	46.5	47.3	47.3	47.5	47.5	47.5	47.6	47.5	47.6	47.6
GE	6000	41.1	43.9	45.9	46.6	47.5	47.5	47.5	47.7	47.7	47.8	47.8	47.3	47.8
												50.1	<i>(</i> 2 3	50 3
GΞ	5000	43.0	45.1	48.1	48.8	47.5	49.6	49.7	49.B	49.8	49.9	50.1	50.2	50.2
SE	4500	43.9	47.0	49.0	43.7	50.5	50.5	50.6	50•8	50.3	50.9	51.0	51.1	51.1
ĠΕ	4000	45.8	50.1	32.3	53.4	54.4	54.5	54.7	54.8	54.8	54.9	55.0	55.1	55.1
GE.	3500	47.9	51.4	53.7	54.8	55.9	56 • 2	56.4	55.5	56.5	56.7	56.9	56.9	56.9
GΕ	3000	51.2	55.0	57.8	59.2	60.9	51.2	61.6	61.7	61.7	61.8	62.0	62.1	62.1
							, . .		40.0	(0.0	4 G 3	68.3	68.4	63.4
GE	2500	55.3	50.2	63.1	54.8	55.5	67.1	57.7	68.0	68.0	68.2	73.9	74.0	74.0
3.5	27	50.7	53.5	57.1	59.1	71 • 6	72.3	73.1	73.4	73.4	73.7	75.6	75.7	75.7
35	1800	61.2	55.4	53.7	70.7	73.3	74.0	74.9	75.1	75.1	75.5		32.9	83.0
95	1500	44.9	70.0	73.7	76.5	79.9	81.0	82.0	32.3	92.3	92.7	R2.8		
GE	1200	66.1	71.8	76.2	79.2	83.2	84.5	86.0	86 ∙6	86.6	86.9	87.0	37.2	87.6
	1000		72.5	77.1	30.3	ძ 5•0	86.6	88.3	39.0	39.2	89.6	69.9	20.1	90.8
GE	1000	66.4			90.4	35.2	36.3	93.5	89.4	39.5	90.0	90.8	91.0	91.3
ĢĘ	900	55.4	72.5	77.1	81.2	85.5	88.5	90.5	91.5	€1.6	22.2	93.3	93.5	94.2
9E	400	66.3	72.9	77.6			88.8	91.2	92.5	92.8	93.5	94.8	95.1	95.8
95	700	55 • ³	72.9	77.6	31.4	85.8	89.3	91.6	93.3	93.5	94.3	95.8	96.0	97.1
GE	500	57.0	73.1	77. 9	31.6	87.3	7743	71.0	73.5	,,,,,	74.5	,,,,,	,0,0	
ĞΕ	520	67.0	73.1	77.3	31.5	87.3	89.3	92.0	94.1	94.3	95.3	96.8	97.2	98.2
GE	400	57.0	73.1	77 9	81.6	87.3	89.6	92.3	94.5	74.7	95.a	97.4	97.8	98.8
G =	300	67.0	73.1	77.9	91.0	37.3	89.6	92.5	94.6	94.8	96.0	98.0	98.5	99.6
	200	67.0	73.1	77.9	81.6	87.3	89.6	92.5	94.6	94.8	96.0	98.0	98.5	99.5
GE	100		73.1	77.9	81.6	37.3	39.6	92.5	94.6	94.8	96.0	98.0	98.5	99.6
GE	100	67.0	1201	1147	3710	9110	3743	,	,					
GE	200	67.7	73.1	77.7	81.6	87.3	89.6	92.5	94.6	94.8	95.0	98.9	93.5	99.6
													• • • • • •	• • • • • •

TOTAL NUMBER OF OBSERVATIONS 849

1/2 1 1/4 1 3/4 5/8 1/2 3/3 1/4 0 1.4 31.4 31.4 31.4 31.4 31.4 31.4 31.4 3	N	RICKEN 5	NBACK	CKE	R ANGB	'DH		MONTH:	FEB I	DRO: MA HOURS: 1	12-14	FEB 88		
GE GF GE GE<	•	V1S	••••• \$181t	ft fi	FY IN	STATUTE		• • • • • • •			• • • • • •		• • • • • •	
1/2 1 1/4 1 3/4 5/8 1/2 3/3 1/4 0 1.4 31.4 31.4 31.4 31.4 31.4 31.4 31.4 3			GE		GF	GE		GF	GE	GE	GE	GE	GE	GE
1.4 31.4	2		2 1/2	12	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/3	1/4	
8.8 38.8 38.8 38.8 38.8 38.8 38.8 38.8								_		• • • • • • •				
8.8 38.8 38.8 38.8 38.8 38.8 38.8 38.8	_	2 2		_	2	21	2. (21 /	21 /	21 /	21 /	21.4	3. (21 /
9.3 39.3 39.3 39.3 39.3 39.3 39.3 39.3	3	.3 3	31.3	•	31.4	31.4	31.4	31.4	31.4	31.4	31.4	21.4	31.4	31.4
9.5 39.5 40.2 40.1 40.1 40.1 40.1 40.1 40.1 40.1 40.1 40.1	3	.6 3	38.6	5	39.8	38.მ	38. 8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
0.2 40.2	3	.2 3	39.2	2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
1.3 41.3	3	.3 3	39.3	3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
3.5	4	.0 4	40.0)	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
4.1 44.1	4	.2 4	41.2	2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
4.1 44.1	4	.3 4	43.3	a	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
6.5 46.5 46.6 46.6 46.6 46.6 46.6 46.6 46.6 46.6 46.6 46.6 46.6 46.6 46.6 46.6 46.6 47.6 47.6 47.6 47.6 47.6 47.6 47.6 47.6 47.6 47.6 47.8			43.9		44.1									
7.5 47.5 47.6 47.8			46.4		45.5									
7.7 47.7 47.8 47.8 47.3 47.8 47.8 47.8 47.8 9.8 49.8 49.9 50.1 50.2 50.2 50.2 50.2 50.2 0.8 50.3 50.9 51.0 51.1 51.1 51.1 51.1 51.1 4.8 54.8 54.9 55.0 55.1 55.1 55.1 55.1 55.1 6.5 56.5 56.7 56.8 56.9 56.9 56.9 56.9 56.9 1.7 61.7 61.8 62.0 62.1 62.1 62.1 62.1 62.1 8.0 68.0 68.2 68.3 68.4 69.4 08.4 68.4 68.4 3.4 73.4 73.7 73.9 74.0 74.0 74.0 74.0 74.0 5.1 75.1 75.5 75.6 75.7 75.7 75.7 75.7 75.7 2.3 82.3 92.7 82.8 82.9 83.0 83.0 83.0 83.0 6.6 86.6 86.9 87.0 37.2 87.6 87.6 87.6 9.0 89.2 89.6 89.9 90.1 90.8 90.9 90.8 90.8 9.4 39.5 90.0 90.8 91.0 91.8 91.9 91.8 9.5 92.8 93.5 94.8 95.1 95.8 95.8 95.8			47.3		47.5	47.5								
9.8			47.5		47.5		-		-					
0.8 50.8 50.9 51.0 51.1 51.1 51.1 51.1 51.1 51.1 51.1 51.1 51.1 51.1 51.1 51.1 51.1 51.1 51.1 51.1 51.1 55.1 56.9 56.9 56.9 56.9 56.9 56.9 56.9 56.9 56.9 56.9 56.9 56.9 56.9 56.9 56.9 56.9 56.9 56.9 56.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4	7	• 5 4	47.0	,	41.3	41.1	4141	4140	47.0	47.0	71.0	41.0	71.0	41.0
4.8 54.8 54.9 55.0 55.1 56.9 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74.0 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7	4	. 5 4	49.6	5	49.7	49.8	49.8	49.9	50.1	50.2	50.2	50.2	50.2	50.2
6.5 56.5 56.7 56.8 56.9 74.0 75.7	5	. 5 5	50.5	5	50.6	50.8	50.3	50.9	51.0	51.1	51.1	51.1	51.1	51.1
1.7 61.7 61.8 62.0 62.1 62.1 62.1 62.1 62.1 62.1 8.0 68.0 68.2 68.3 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74.0 75.7	5	. 4 5	54.5	Ċ	54.7	54.8	54.8	54.9	55.0	55.1	55.1	55.1	55.1	55.1
8.0 68.0 68.2 68.3 68.4 69.4 68.4 68.4 68.4 68.4 73.4 73.7 73.9 74.0 74.0 74.0 74.0 74.0 75.1 75.5 75.6 75.7 75.7 75.7 75.7 75.7 75.7	5	.9 5	56.2	2	55.4	56.5	56.5	56.7	56.8	56.9	56.9	56.9	56.9	56.9
3.4 73.4 73.7 73.9 74.0 75.7	ó	•9 5	51.2	2	61.5	61.7	61.7	61.8	62.0	62.1	62.1	62.1	62.1	62.1
3.4 73.4 73.7 73.9 74.0 75.7	4	• 5 6	67.1	1	57.7	68.0	68.0	68.2	68.3	68-4	68.4	68.4	68.4	68.4
5.1 75.1 75.5 75.6 75.7 75.7 75.7 75.7 75.7 75.7			72.3		73.1	73.4						-		
2.3 82.3 92.7 82.8 82.9 83.0 83.0 83.0 83.0 6.6 86.6 86.9 87.0 37.2 87.6 37.6 87.6 87.6 9.0 89.2 89.6 89.9 90.1 90.8 90.9 90.8 90.8 9.4 39.5 90.0 90.8 91.0 91.8 91.9 91.9 91.8 1.5 31.6 92.2 93.3 93.5 94.2 94.2 94.2 94.2 2.6 92.8 93.5 94.8 95.1 95.8 95.8 95.8			74.0		74.9	75.1								
6.6 86.6 86.9 87.0 37.2 87.6 37.6 87.6 87.6 9.0 89.2 89.6 89.9 90.1 90.8 90.9 90.8 90.8 9.4 39.5 90.0 90.8 91.0 91.8 91.9 91.9 91.8 1.5 31.6 92.2 93.3 93.5 94.2 94.2 94.2 94.2 2.6 92.8 93.5 94.8 95.1 95.8 95.8 95.8			81.0		82.0	32.3								
9.0 89.2 89.6 89.9 90.1 90.8 90.9 90.8 90.8 9.4 39.5 90.0 90.8 91.0 91.8 91.9 91.9 91.8 1.5 31.6 92.2 93.3 93.5 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2			84.5		86.0									
9.4 39.5 90.0 90.8 91.0 91.8 91.9 91.8 1.5 31.6 92.2 93.3 93.5 94.2 94.2 94.2 94.2 2.6 92.8 93.5 94.8 95.1 95.8 95.8 95.8	7)	• દ ગ	ગ₹• ೨	,	30.0	20.0	30.0	00.	01.0	3144	37.0	01.0	0110	3140
1.5 31.6 92.2 93.3 93.5 94.2 94.2 94.2 94.2 2.6 92.8 93.5 94.8 95.1 95.8 95.8 95.8 95.8			36.6		53.3	39.0								
2.6 92.8 93.5 94.8 95.1 95.8 95.8 95.8 95.8			96.9	-	93.5	R9.4								
			88.5		90.5	91.5								
	8	• 9 8	88.8	3	91.2	92.6	92.8		94.8	95.1	95.8		95.8	95.8
3.3 93.5 94.3 95.8 96.0 97.1 97.1 97.2 97.2	8	• 3 8	89.3	3	91.6	93.3	93.5	94.3	95.8	96.0	97.1	97.1	97.2	97.2
4.1 94.3 95.3 96.8 97.2 98.2 98.2 98.4 98.4	8	. 3 მ	39.3	3	92.0	94.1	94.3	95.3	96.8	97.2	98.2	98.2	98.4	98.4
			89.6	-	92.3	94.5								
			89.6		92.5	94.6				_				
			89.6		92.5	94.6						-		-
			39.5		92.5	94.6	-							
4.6 94.8 96.0 98.0 98.5 99.6 99.6 99.9 100.0	9	.3 9	89.6	5	92.5	94.6	94.8	96.0	98.0	98.5	99.6	99.6	99.9	100.0

OPERATING EDCATION "A"
USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	TION N	UMBER:	724285		TION NAT		CENBACKE	R ANGB	DН		PERIOD MONTH:		ORD: M	IAR 78 - 1
• • •			• • • • • • •	-			• • • • • • •		• • • • • • •					12-11
CEI	LING					•	VISIBILI	TY IN	STATUTE	MILES				
	N	GΞ	GΕ	SE	GF		GE	GE	GE	GF		GE	GE	GE
	ET	7	5	5	4	3	2 1/2	2		1 1/4		3/4	5/8	1/2
• • •	• • • • •	••••	• • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	•••••	• • • • • • •		••••••	•••••
NO	CEIL	29.2	30.4	30.6	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
	20000	35.1	35.3	35.5	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.5	37.6
	13000	35.2	36.9	37.2	37.9	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
	16000	35.2	36.9	37.2	37.9	34.3	38.3	38.3	38.3	38.3	38.3	39.3	38.3	38.3
	14000	35.5	37.1	37.5	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE	12003	36.6	38.3	38.5	39.5	39.8	39.8	39.8	39.8	39.8	39.B	39.8	39.8	39.8
ĢE	10000	30.5	41.2	41.7	42,5	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
G.E	9000	40.4	42.0	42.5	43.3	43.9	43.9	43.9	43.9	43.7	43.9	43.9	43.9	43.9
GE.	8000	43.6	45.2	45.8	46.6	47.5	47.5	47.5	47.6	47.6	47.7	47.7	47.7	47.7
GE	7000	44.9	46.5	47.1	47.9	48.8	48.8	48.3	48.9	48.9	49.0	49.0	49.0	49.0
ĞΕ	6000	45.1	40.8	47.3	49.2	49.1	49.1	49.1	49.2	49.2	49.4	49.4	49.4	49.4
35	5000	45.3	43.5	49.1	49.9	50.9	50.9	50.9	51.0	51.1	51.2	51.2	51.2	51.2
ĢĘ	4570	47.5	49.4	49.9	50.3	51.7	51.7	51.7	51.8	51.9	52.1	52.1	52.1	52.1
C.E	4000	49.9	51.7	52.9	53 .7	54.7	54.8	54.3	54.9	55.0	55.1	55.1	55.1	55 · 1
GΕ	3500	52.4	54.5	55.8	56.7	57.5	57.7	57.8	58.0	58.1	58.2	58.2	58.2	56.2
GE	3000	57.7	50.1	61.7	62.5	63.6	63.8	64.0	64.1	64.2	64.4	64.4	64.4	64.4
35	2500	52.4	55.1	57.5	68.3	70.0	70.2	70.3	70.9	71.0	71.3	71.3	71.3	71.3
G E	2000	59.0	71.5	74.3	76.7	77.9	79.2	70.3	79.0	79.2	79.5	79.9	79.9	79.9
G-	1900	69.9	72.6	75.7	77.6	79.8	79.2	79.3	80.0	80.1	90.7	90.9	80.9	80.9
ĠΕ	1500	71.7	76.2	30.1	32.9	34.8	85.5	85.9	86.6	36.8	87.4	87.6	57.6	97.6
GE	1200	72.2	76.∋	81.4	34.9	87.5	88.3	88.9	99.8	90.0	90.6	90.8	90.8	90.8
7,5	1000	72.2	75.9	91.7	95.5	33.3	89.3	90.3	91.3	91.5	32.2	92.7	92.7	92.7
ÇC	300	72.2	76.9	31.7	35.7	83.7	89.6	90.7	91.6	71.9	92.6	93.1	93.1	93.1
GE	300	72.4	77.1	32.3	86.6	39.3	90.8	92.1	93.1	93.3	94.1	94.6	94.5	94.6
GE	700	72.4	77.3	82.4	36 •7	89.9	91.0	92.3	93.5	93.8	94.5	95.1	95.2	95.2
GE	600	72.7	77.5	82.7	86.9	90.5	91.6	92.9	94.3	94.6	95.4	96.0	96.1	96.2
35	500	72.7	77.5	32.7	26.9	90.5	91.6	92.9	94.7	94.9	25.9	96.8	96.9	97.2
ЗF	400	72.7	77.5	32.7	86.9	22.5	91.3	93.2	94.9	95.3	96.5	97.6	97.9	93.1
3£	300	72.7	77.5	92.7	ዓሉ.∳	90.5	21.8	93.2	94.9	95.3	96.6	97.9	98.1	98.4
GF	200	72.7	77.5	82.7	86.9	90.5	91.8	93.2	94.9	95.3	95.7	98.2	98.5	98.7
GE	100	72.7	77.5	ਰ2•7	85.9	90.5	91.8	93.2	94.9	95.3	95.7	98.2	98.5	98.7
SE	200	72.7	77.5	32.7	35.9	90.5	91.3	93.2	94.9	95.3	96.7	93.2	98.5	99.7
														

TOTAL NUMBER OF DRSERVATIONS 849

to utc	+ 5	CKENBACK				MONTH:	FEB	CORD: M	15-17	FE8 88) .	
				STATUTE	MILES	• • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •
GF	GE	GE	GE	GE	GE	GE	GE	GE	C.F.			
4	3	2 1/2	2		1 1/4		3/4	5/8	GE	GE	GE	GE
	• • • • •		• • • • • •		1 1/ 7			7/5	1/2	3/8	1/4	0
5					•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •
31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
37.2	37.5	37.6	37.6	37.6	37.6	37.6	27 6	27 (27.4			
17.9	33.3	38.3	38.3	38.3	38.3	38.3	37.6 38.3	37.5	37.6	37.6	37.6	• -
37.9	39.3	39.3	39.3	39.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	
38.2	38.5	38.5	38.5	38.5	38.5	38.5		38.3	38.3	38.3	38.3	38.3
37.5	39.8	39.8	39.8	39.8	39.8	39.8	38.5 39.8	38.5	38.5	38.5	38.5	38.5
	-		3,40	37.0	37.0	37.0	37.0	39.8	39.8	39.8	39.8	39.8
42.5	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1			
43.3	43.9	43.9	43.9	43.9	43.7	43.9	43.9	43.9	43.9	43.1 43.9	43.1 43.9	43.1 43.9
46.5	47.5	47.5	47.5	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7
47.9	43.8	48.8	48.3	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0
+3.2	49.1	49.1	49.1	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4
						_			.,,	1747	7747	77.7
•0.0	50.9	50.9	50.9	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2
-0.3	51.7	51.7	51.7	51.8	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1
53.7	54.7	54.∂	54.3	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1
7.47	57.5	57.7	57.3	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	56.2
52.5	63.6	63.8	54.0	64.1	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4
,	70.0											
55.3	72.0	70.2	70.3	79.9	71.0	71.3	71.3	71.3	71.3	71.3	71.4	71.4
76.7	77.9	79.2	78.3	79.0	79.2	79.6	79.9	79.9	79.9	79.9	80.0	80.0
77.5	78.8	79.2	79.3	80.0	80.1	80.7	90.9	80.9	80.9	80.9	81.0	81.0
32.7 34.9	34.3	95.5	85.9	86.6	86.8	87.4	87.6	87.6	87.6	87.6	87.3	87.8
34.7	37.5	88.3	88.9	99.8	90.0	90.6	90.8	90.8	90.8	90.8	90.9	90.9
15.5	93.3	89.3	90.3	91.3	91.5	92.2	92.7	92.7	03.7			- - -
15.7	33.7	89.6	99.7	91.6	71.9	92.6	93.1	93.1	92.7	92.7	92.9	92.9
35.5	39.3	90.8	92.1	93.1	93.3	94.1	94.6	94.6	93.1 94.6	93.2	93.5	93.5
575 • 7	39.9	91.0	92.3	93.5	93.8	94.5	95.1	95.2		94.7	95.4	95.4
35.9	90.5	91.6	92.9	94.3	94.6	95.4	96.0	96.1	95•2 96•2	95.3	96.0	96.0
					,,,,	,,,,	70.0	70.1	70.2	96.3	97.2	97.2
· /2 • D	90.5	91.6	92.9	94.7	74.9	95.9	95.8	95.9	97.2	97.3	0.0	00 •
· /s 🕶	99.5	91.8	93.2	94.9	95.3	95.6	97.6	97.9	99.1	98.2	98.1 99.2	99.1
(h.9)	90.5	91.8	93.2	94.9	95.3	95.6	97.9	98.1	98.4	98.6	99.5	99.2 99.5
70.9	90.5	91.8	93.2	94.9	95.3	95.7	98.2	98.5	98.7	98.9	100.0	100.0
35.9	90.5	91.8	93.2	94.9	95.3	96.7	98.2	98.5	98.7	98.9	100.0	100.0
9.9	20.5	91.3	93.2	94.9	95.3	96.7	99.2	98.5	93.7	98.9	100.0	
• • • • • • •	• • • • •	• • • • • • • •	• • • • • •	• • • • • • •								20043

3 · 2 · 5 · 9 · 9

?

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIE FROM HOURLY OBSERVATIONS USAFETAC. ASHEVILLE NO STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB DH PERIOD OF RECORD: MAR 1 MONTH: FEB LST TO UTC: + 5 HOURS: 18-2 CEILING VISIBILITY IN STATUTE MILES GF GE GF GE GE GE IΝ GE GE SE FEET 7 6 5 4 3 2 1/2 1 1/4 2 1 1/2 1 3/4 5/3 17 NO CEIL 37.0 37.0 37.0 37.0 37.0 37.1 37.1 37.1 37 35.8 36.5 36.8 GE 20000 39.9 40.5 41.3 41.8 41.8 41.8 41.9 41.9 41 33.6 41.8 41.8 41.9 GF 19000 39.2 40.5 41.2 41.9 42.4 42.4 42.4 42.4 42.4 42.5 42.5 42.5 42 39.2 GE 16000 42.4 42.4 42.4 4; 40.5 41.2 41.9 42.4 42.4 42.5 42.5 42.5 39.3 SE 14000 41.1 41.9 42.7 43.2 43.2 43.2 43.2 43.2 43.3 43.3 43.3 4: CE. 12000 42.3 43.2 44.0 44.5 44.5 44.5 44.5 44.6 44 45.5 GE 10000 42.9 44.2 45.2 45.0 46.5 46.5 46.5 46.5 46.5 45.5 46.6 47.3 47.3 SE 9000 43.6 44.9 45.0 46.9 47.3 47.3 47.3 47.5 47.5 47.5 4 GE 49.0 49.8 50.5 50 8000 47.8 50.3 50.3 5C.3 50.4 50.6 50.5 46.4 50.3 G.T 49.4 7000 47.9 50.5 51.4 51.9 51.9 51.9 51.9 52.1 52.2 5; 52.3 52.3 6300 49.9 GF 48.2 51.2 52.1 52.7 52.7 52.7 52.7 52.9 53.0 53.1 53.1 53 55.4 55.6 SE 5000 50.3 52.5 54.0 54.8 55.4 55.4 55.4 55.7 55.8 55.8 5 35 **5** 4500 52.3 54.2 55.5 56.4 57.0 57.0 57.3 57.0 57.3 57.4 57.5 57.5 GE 58.0 59.5 59.5 59.5 59.7 4000 54.5 55.4 58.8 59.5 59.9 60.0 60.0 5(SF 3500 56.2 58.2 59.9 60.7 61.4 61.4 61.4 61.4 51.5 61.7 61.9 51.9 6 GE 3000 59.5 61.5 64.1 65.2 65.2 66.2 66.5 66.7 66.1 66.2 66.6 66.7 66 GE 2500 53.2 55.5 53.9 70.4 72.5 72.3 73 71.4 71.8 71.9 72.3 72.5 72.8 74.5 79.3 79.7 35 2000 70.5 76.5 67.3 73.3 A 78.7 30.2 30.3 80.5 90.5 SE 75.3 1800 68.0 71.3 77.8 79.5 80.0 80.5 81.0 81.5 81.6 81.8 81.8 91 S.F 1500 69.7 77.7 83.5 73.0 80.5 83.0 84.4 35.4 95.8 86.0 86.2 86.3 34 GΕ 1200 70.1 73.4 78.3 31.9 34.9 85.5 86.9 88.5 59.0 89.1 39.4 89.5 89 78.5 91.1 1000 90.1 90.6 91 GF 73.4 73.8 82.6 35.7 36.4 88.2 90.7 91.0 35 999 70.4 73.3 73.6 91.5 91 32.5 85.2 96.8 99.5 90.4 91.0 31.1 91.6 GE 800 70.8 79.1 92.B 93.2 9 74.3 93.2 86.9 90.0 92.0 92.5 93.4 88.0 r, e 700 70.3 74.3 79.1 83.2 36.9 89.0 90.3 92.9 93.5 93.7 94.1 94.3 94 79.1 94.0 94.2 94.6 94.8 600 93.3 9: GE 70.8 74.3 36.9 83.2 88.1 91.1 500 70.3 14.3 79.1 33.2 36.9 88.1 91.4 93.5 94.5 94.8 95.4 95.6 9: GE GE 400 70.3 74.3 79.1 0 94.3 95.5 96.2 93.2 35.9 88.1 91.5 93.6 96.5 300 79.9 74.3 79.1 83.2 86.9 98.1 91.5 93.6 94.8 95.5 96.3 96.6 9 70.8 79.1 GE 93.6 200 74.3 83.2 36.9 98.1 94.9 95.6 96.6 96.8 9 91.5 79.1 100 70.3 74.3 83.2 86.9 88.1 91.5 93.6 94.9 95.6 96.6 96.8 97

TOTAL NUMBER OF OBSERVATIONS 847

74.3

79.1

83.2

85.9

88.1

70.3

200

94.9

95.5

96.6

93.5

Q.

96.8

21.5

TAM MOITA		KENBACKE	R ANGB	04	-	PERIOD HONTH:		ORD: MA		FEB 88	-	
• • • • • • •	• • • • • •	VISIBILI	********		M # + 6-5	• • • • • • •	• • • • • •		• • • • • • •	• • • • • • •	• • • • • •	
G €	SE		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
4	3		2			1	3/4	5/8	1/2	3/8	1/4	ō
			• • • • •									• • • • • •
36.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.2	37.2
30.0	31.0	3140	37.0	31.0	3110	3112		2141				3112
41.3	41.3	41.8	41.8	41.8	41.8	41.9	41.9	41.9	41.9	41.9	42.0	42.0
41.7	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.6
41.9	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.6	42.6
42.7	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.4	43.4
44.0	44.5	44.5	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.7.	44.7
45.0	45.5	45.5	46.5	46.5	46.5	46.5	46.6	45.6	46.6	46.6	46. P	46.8
46.9	47.3	47.3	47.3	47.3	47.3	47.5	47.5	47.5	47.5	47.5	47.6	47.6
49.8	50.3	50.3	50.3	50.3	50.4	50.5	50.6	50.6	50.6	50.6	50.8	50.8
51.4	51.9	51.9	51.9	51.9	52.1	52.2	52.3	52.3	52.3	52.3	52.4	52.4
52.1	52.7	52.7	52.7	52.7	52.9	53.0	53.1	53.1	53.1	53.1	53.2	53.2
54.8	55.4	55.4	55.4	55.4	55.6	55.7	55.8	55.8	55.8	55.8	56.0	56.0
55.4	57.0	5 7. 0	57.3	57.0	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.6
58.8	59.5	59.5	59.5	59.5	59.7	59.9	60.0	60.0	50.0	50.0	60.1	60.1
50.7	61.4	61.4	61.4	61.4	51.5	61.7	61.9	51.9	61.9	61.9	62.0	62.0
ა5∙2	66.1	66.2	65.2	66.2	66.5	65.5	66.7	55.7	66.7	66.7	66.8	66.8
73.4	71.4	71.8	71.9	72.3	72.5	72.5	12.8	72.8	72.8	72.8	73.0	73.0
76.5	73.3	78.7	79.3	77.7	30.2	30.3	80.5	30.5	80.5	80.5	80.8	80.8
77.8	79.5	80.0	80.5	91.0	81.5	81.6	81.8	81.8	91.8	81.8	82.1	82.1
30.5	83.0	83.5	84.4	95.4	35.8	86.0	86.2	86.3	86.3	86.3	36.5	86.5
31.9	34.9	95.5	86.9	88.5	89.0	89.1	89.4	89.5	89.5	89.5	39.7	89.7
52.5	35.7	36.4	83.2	90.1	90.6	90.7	91.0	91.1	91.1	91.1	91.5	91.5
42.5	35.2	35.8	99.5	90.4	91.0	71.1	91.5	91.6	91.5	91.6	92.0	92.0
43.2	96.9	94.0	90.0	92.0	92.5	92.8	93.2	93.4	93.5	93.5	93.9	93.9
33.2	36.9	89.0	90.3	92.9	93.5	93.7	94.1	94.3	94.6	94.5	95.2	95.2
33.2	35.9	88.1	91.1	93.3	94.0	94.2	94.6	94.8	95.2	95.2	95.7	95.7
33.2	36.9	93.1	91.4	93.5	94.5	94.8	95.4	95.6	96.5	96.5	97.2	97.2
53.2	35.9	88.1	91.5	93.6	94.8	95.5	96.2	96.5	97.3	97.3	98.1	98.1
43.2	85.9	98.I	91.5	93.6	94.4	95.5	96.3	96.6	97.4	97.4	98.5	98.6
33+2	35.9	98.1	91.5	93.6	94.9	95.6	76.6	96.8	97.8	97.8	98.9	99.4
83.2	86.9	88.1	91.5	93.6	94.9	95.6	96.6	96.8	97.9	97.9	99.1	100.0
₹3•2	85.9	88.1	91.5	93.5	34.3	95.5	96.6	96+8	97.9	97.9	99.1	100.0
	• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •

ITY

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NO

-. 1.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS

ST	NCITA	NUM358:	724285		TION NAS		KENBACKE	R ANGB	ЭН		PERIOD MONTH:		ORD: MA HOURS: 2	
66	ILING	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •			* * * * * * *	STATUTE	MILES	• • • • • • •	• • • • • •	• • • • • • •	•
	ILING IN	GE	g.e	GΞ	G€	GE	GE	GE .	SE	08	GE	GE	GĘ	
	EFT	7	- 5° - 4	'a = 5	4	3	2 1/2			1 1/4	1	3/4	5/3	
					.			2	1 1/2			3/4	7/7	
••	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	•••••		••••	• • • • • • • •	• • • • • • •	• • • • • • • •	•
ND	CEIL	33.9	34.9	35.3	35.8	36.4	36.6	36.8	36.8	36.8	36.8	36.8	36.8	
SE	20000	38.5	39.5	49.3	41.0	42.1	42.3	42.4	42.4	42.4	42.4	42.4	42.4	
GE	18000	39.7	39.5	40.4	41.1	42.2	42.4	42.5	42.6	42.5	42.5	42.6	42.6	
55	15000	33. a	39.7	40.5	41.3	42.3	42.6	42.7	42.7	42.7	42.7	42.7	42.7	
GE	14000	39.2	40.2	41.1	41.8	42.9	43.1	43.3	43.3	43.3	43.3	43.3	43.3	
GE	12000	40.9	41.8	42.8	43.5	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	٠
GE	10000	43.1	44.2	45.2	45.9	45.9	47.2	47.3	47.3	47.3	47.3	47.3	47.3	
SE	9000	44.1	45.2	45.1	45.3	47.9	48.1	43.2	48.2	48.2	48.2	48.2	48.2	4
r, c	8000	45.7	45.8	47.8	48.5	49.8	50.0	50.1	50.1	50.1	50.1	50.1	50.1	1
GE	7000	45.3	45.0	49.1	49.8	51.1	51.3	51.4	51.4	51.5	51.7	51.7	51.7	٠
GE	6000	47.4	48.3	50.1	50.9	52.2	52.5	52.6	52.6	52.8	53.0	53.0	53.0	:
gr.	5000	57.4	51.8	53.2	54.0	55.4	55.7	55.3	55,3	55.0	56.1	56.1	56.1	1
75	4500	51.3	53.2	54.5	55.4	56.9	57.1	57.2	57.2	57.4	57.6	57.6	57.6	t
SE	4000	53.9	55.4	56.9	58.0	57.5	59.7	59.8	59.8	50.0	50.2	60.2	60.2	ŧ
GE	3500	55.6	58.2	59.3	61.0	52.4	62.6	62.8	62.8	63.0	63.1	63.1	63.1	
ĢΕ	3000	50.3	52.4	64.5	55.7	57.4	67.6	67.7	67.7	68.0	68.1	68.2	63.2	•
g=	2500	66.2	53.3	70.3	12.2	74.1	74.5	74.9	74.9	75.2	75.3	75.4	75.4	
7.5	2000	60.0	72.1	74.9	76.4	78.4	78.3	73.4	79.5	79.9	30.0	80.1	90.1	:
ĢĘ	1800	69.0	72.3	75.4	77.1	79.1	79.7	80.3	80.4	80.7	80.9	81.0	91.0	1
GE	1500	71.5	15.4	79.3	31.3	34.4	85.0	86.1	86.4	86.9	87.0	87.1	87.1	į
GΕ	1200	72.7	76.7	30.7	33.7	36.8	87.4	99.7	89.0	39.5	89.6	89.7	39.7	•
35	1000	72.7	77.0	31.6	84.5	87.7	98.4	90.0	90.4	20.9	91.0	91.1	91.1	;
G.E	200	72.3	77.0	31.5	34.5	87.8	88.5	93.1	90.7	91.1	91.3	91.4	91.4	í
GE	800	73.0	77.2	32.0	85.2	39.4	89.1	90.8	91.4	91.8	92.0	92.1	92.1	. 1
GΕ	700	73.0	77.2	32.0	35.2	33.4	89.1	90.9	91.5	92.0	92.1	92.4	92.4	(
GE	bûð	73.0	77.3	82.2	35.3	37.0	90.0	92.2	92.8	93.5	93.7	94.1	94.1	•
ζĒ	500	73.0	77.3	32.2	35.3	89.0	20.1	92.6	93.3	94.0	74.2	94.9	94.9	,
35	400	73.0	77.3	32.2	85.3	87.0	90.1	92.3	94.0	94.7	95.2	95.0	95.9	(
GE	300	73.0	77.3	32.2	35.3	89.0	90.1	92.9	94.0	94.9	95.3	96.3	96.3	4
GΕ	200	73.0	77.3	82.2	85.3	39.0	90.1	92.€	94.0	94.8	95.3	96.6	96.6	•
GE	100	73.0	77.3	32.2	35.3	39.0	90.1	92.8	94.0	94.8	95.3	96.6	95.6	•
35	ივი	73.1	77.3	32.2	95.3	39.0	90.1	92.3	94.0	94.8	95.3	96.7	96.7	•

TOTAL NUMBER OF JASERVATIONS 345

AFION NAS		KENBACKE	R ANGS	эн			OF REC	HOURS:		FEB 88		
• • • • • • • •	• • • • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
G.F		GE	GΞ	SE		GE	GE	GE	GC	GE	GE	GF
4	3		-			1	3/4	5/4	1/2	3/8	1/4	0
• • • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • • •
35.8	36.4	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
41.0	42.1	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.6	42.6	42.6	42.5
41.1	42.2	42.4	42.5	42.6	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.7
41.3	42.3	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8
41.8	42.9	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4
43.5	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.0	45.0	45.0	45.0
45.9	45.9	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4
45.3	47.9	48.1	43.2	48.2	48.2	48.2	49.2	48.2	48.3	48.3	48.3	48.3
48.5	49.8	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2
49.8	51.1	51.3	51.4	51.4	51.5	51.7	51.7	51.7	51.8	51.8	51.9	51.8
50.9	52.2	52.5	52.6	52.6	52.8	53.0	53.0	53.0	53.1	53.1	53.1	53.1
54.0	55.4	55.7	55.3	55.8	55.0	55.1	56.1	56.1	56.3	56.3	56.3	56.3
55.4	55.9	57.1	57.2	57.2	57.4	57.6	57.6	57.6	57.7	57.7	57.7	57.7
- 58.0	59.5	59.7	59.8	59.8	50.0	50 • 2	60.2	60.2	60.5	50.5	50.5	60.5
0.1c	62.4	62.6	62.8	62.8	63.0	63.1	63.1	63.1	63.5	63.5	63.5	63.5
o5.7	57.4	67.6	67.7	67.7	68.0	68.1	68.2	63.2	68.6	68.6	68.6	68.6
12.2	74.1	74.5	74.7	74.9	75.2	75.3	75.4	75.4	75.8	75.8	75.3	76.0
75.4	79.4	78.3	77.4	79.5	79.9	G.0F	80.1	80.1	80.5	80.5	80.5	80.7
77.1	77.1	79.7	80.3	80.4	80.7	80.9	81.0	91.0	91.3	81.3	81.3	81.6
31.3	34.4	85.0	86.1	86.4	86.9	87.0	87.1	87.1	87.6	87.6	87.7	87.9
33.7	35.9	37.4	39.7	89.0	89.5	89.6	89.7	89.7	90.2	90.2	90.3	90.5
# 4.5	87.7	88.4	90.0	90.4	20.4	91.0	91.1	91.1	91.6	71.6	91.7	92.0
34.5	97.9	88.5	90.1	90.7	91.1	91.3	91.4	91.4	91.8	91.3	92.0	92.2
95.2	33.4	89.1	90.9	91.4	91.8	92.0	92.1	92.1	92.6	92.5	92.7	92.9
35.2	33.4	89.1	90.9	91.5	92.0	92.1	92.4	92.4	92.9	92.9	93.1	93.4
35.3	39.0	90.0	92.2	92.8	93.5	93.7	94.1	94.1	94.6	94.6	94.8	95.2
35.3	37.0	70·1	92.6	93.3	94.0	24.2	94.9	94.9	95.7	95.7	96.0	96.5
85.3	97.0	90.1	92.3	74.C	94.7	95.2	95.9	95.9	96.7	96.7	96.9	97.4
35.3	39.0	90.1	92.8	94.0	94.9	95.3	96.3	96.3	97.2	97.2	97.6	98.1
35.3	39.0	90.1	92.8	94.0	94.8	95.3	96.6	96.6	97.6	97.6	98.1	98.8
45.3	89.0	90.1	92.8	94.0	94.8	95.3	96.6	96.6	97.8	97.8	98.5	99.8
45,3	37.0	90.1	92.3	94,0	74.9	95.3	96.7	96.7	97.9	97.9	98.6	100.0

LI

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBI USAFETAC, ASHEVILLE NC FROM HOURLY DESERVATIONS

ST	ATION N	IUMBER:	724285		AN NOTE		KENBACKE	R ANGB	эн		MONTH:	FEB HOL	JRD: MA JRS: ALL	
CEI	LING	• • • • • •	• • • • • • •	• • • • • •		• • • • • • • •	119121	TV TH	STATUTE	MILES	• • • • • • •	• • • • • •	• • • • • • •	• • • •
	N	S.F	SE	3 5	G =	GE.	GE	GE	SE	GE GE	GE	GE	GE	SE
_	FT	7	6	5	4	3	2 1/2	2		1 1/4	ĩ	3/4	5/3	1/2
-						• • • • • • •		-	• • • • • • •		• • • • • • •			• • • •
		20.2	3.4 %	22.5							3			
NU	CEIL	30.3	31.5	32.5	33.2	33.8	34.0	34.4	34.4	34.4	34.6	34.6	34.6	34.
GE	20000	34.6	35.9	37.1	38.0	38.9	38.9	39.3	39.4	39.4	39.5	39.6	39.6	39.
	13000	34.4	35.2	37.4	33.3	39.1	39.3	39.6	39.7	39.7	39.8	39.9	39.9	39.
	15000	34.8	36.2	37.4	38.3	39.1	39.3	39.6	39.7	39.7	39.9	39.9	39.9	39.
	14000	35 • 1	36.5	37.8	38.8	39.5	39.7	40.1	40.2	40.2	40.3	40.3	40.3	40.
GE	12000	35.9	37.4	33.7	39.7	40.5	40.7	41.1	41.2	41.2	41.3	41.3	41.3	41.
GE	10000	33.1	39.7	41.1	42.1	43.0	43.2	43.5	43.5	43.6	43.7	43.∺	43.3	43.
SE	2000	39.1	40.7	42.1	43.2	44.0	44.2	44.5	44.7	44.7	44.9	44.9	44.0	44.
GE	8000	41.9	43.5	45.1	46.1	47.1	47.3	47.7	47.8	47.8	48.0	48.0	48.0	48.
G E	7000	43.1	44.3	46.4	47.5	48.5	48.7	49.0	49.2	49.2	49.4	40.4	49.4	49.
GĒ	6000	43.4	45.2	45.9	48.1	49.1	49.3	49.7	49.8	49.9	50.0	50.1	50.1	50.
GE	5000	45.5	47.5	49.3	50.4	51.5	51.7	52.1	52.3	52.3	52.5	52.6	52.6	52.
35	4500	47.0	49.0	50.8	52.0	53.1	53.3	53.7	53.9	53.9	54.1	54.2	54.3	54
G.F	4000	49.9	52.0	54.1	55.6	56.7	57.0	57.4	57.6	57.7	57.9	58.0	58.0	58.
G.E.	3500	51.7	54.0	56.2	57.7	59.0	59.2	59.7	59.9	50.0	60.2	60.3	60.3	60.
GE	3000	55.5	57.9	60.7	62.4	63.8	64.1	64.7	64.9	65.0	65.2	65.3	65.3	±5.
ĞΕ	2500	59.4	52.1	55.3	57.3	63.3	69.2	70.0	70.3	70.4	70.5	70.8	7 0.8	70.
3º	2700	62.9	66.1	67.3	72.3	74.2	74.7	75.5	75.0	75.1	76.5	76.6	76.7	75.
ĠЕ	1300	63.4	55.7	70.5	73.1	75.1	75.5	76.5	77.0	77.1	77.5	77.6	77.7	77.
GE	1500	55.3	70.1	74.4	77.5	80.0	მ0.7	32.0	82.7	32.9	83.4	93.5	83.6	43.
GE	1200	67.5	71.5	76.2	79.8	32.7	63.4	85.2	35.0	86.3	85.3	67.0	87.1	87.
GE	1000	57.3	72.1	77.0	30.8	33.9	84.8	36.6	37.8	33.1	a ∃.7	39.0	49.1	h9.
G.F	300	67.4	72.2	77.2	81.1	34.4	35.3	37.4	89.6	86.9	89.6	30.0	90.1	an.
ŚE	900	68.1	72.6	77.3	81.7	85.3	96.4	89.6	99.9	90.3	91.0	91.4	91.5	91.
g =	700	63.1	72.5	77.9	91.9	85.5	96.7	89.2	20.5	91.0	91.8	92.5	92.5	92
ĞE	600	50.2	72.9	73.1	32.2	36.0	87.3	90.0	91.6	92.1	92.9	93.6	93.8	94
٠.	5.00		20 8	20.1			o -		22.2		00.0	=	0.4	
GE	500	63.3	72.3	73.1	82.3	85.2	87.6	90.4	92.3	92.3	93.3	94.7	94.9	95.
GE GE	400	40.3	72.9	72.2	92.5	35.4	87.9	97.9	93.0	93.6	94.0	95. B	95.0	95.
	300	69.3	72.9	78.2	82.5	35.4	87.9	90.9	93.0	93.7	95.0	96.2	96.5	97.
GE	200	59.3	72.9	78.2	32.5	35.4	37.9	90.9	93.0	93.7	95.2	96.5	96.b	97.
GE	100	68.3	72.9	78.2	92.5	96.4	87.9	90.9	93.0	93.7	95.2	96.5	96.8	97.
Ģ٢	202	69.3	72.0	73.2	32.5	85.4	97.9	99.9	33.0	93.7	95.2	95.5	96.3	97.

TOTAL NUMBER OF JASERVATIONS 6787

ATTIM HAME: RICKENBACKER ANGE DH PERIOD OF RECORD: MAR 78 - FE3 84 r TJ UTC: + 5 MONTH: FEB HOURS: ALL VISIBILITY IN STATUTE MILES GE 55 61 2 1/2 2 GF GE 3= GE. GE GE 3 3/4 5/3 3/8 1 1/2 1 1/4 1/2 1 1/4) 33.2 33.3 34.0 34.4 34.4 34.5 34.6 34.5 34.6 34.6 34.7 34.8 39.6 39.6 3~.7 33.3 33.9 39.3 39.4 39.4 39.5 39.6 34.6 39.7 39.7 39.8 3 : . 3 37.1 39.3 37.5 39.7 39.7 39.9 39.9 37.9 39.9 40.0 40.0 39.5 34.3 37.1 39.3 39.7 39.9 39.9 39.9 39.9 40.0 40.1 39.7 40.0 34.3 37.5 39.7 43.1 49.2 40.2 40.3 40.3 40.3 40.4 40.4 40.5 40.5 32.7 41.3 40.7 41.3 41.4 41.4 41.4 41.5 40.5 41.1 41.2 41.2 41.3 +2.1 43.7 43.2 43.5 43.5 43.7 43.8 43.4 43.8 43.8 43.4 44.0 43.5 44.0 44.0 44.9 43.2 44.0 44.2 44.5 44.7 44.7 44.5 44. 7 45.0 45.0 48.2 47.1 47.3 47.7 47.2 47.3 43.0 49.0 43.0 48.1 48.1 48.2 45.1 49.0 49.4 49.5 49.6 47.5 43.5 49.2 49.4 49.4 48.7 49.2 49.5 49.5 49.7 50.0 ** . 1 47.1 49.3 49.5 49.9 50.1 50.1 50.1 50.2 50.2 50.3 5 J . 4 51.5 51.7 52.1 52.3 52.3 52 5 52.6 52.5 52.7 52.7 52.3 52.0 h+.1 53.1 53.3 54.2 54.3 43.7 53.9 54.9 54.3 54.3 54.4 54.4 57.4 57.3 58.2 57.5 57.9 58.0 58.0 58.1 55.7 57.7 53.1 58.2 47.7 59.0 59.2 59.7 50.2 60.3 60.4 50.4 59.9 50.0 60.3 60.5 50.5 55.2 55.4 15.5 65.6 53.5 54.1 64.7 64.3 65.0 55.3 65.3 55.4 57.3 45.5 77.2 70.0 70.3 70.4 79.5 70.0 70.8 70.9 70.9 71.0 71.1 73.3 75.1 74.2 74.7 75.5 76.0 76.5 75.5 76.7 76.7 75.8 76.3 77.7 77.1 75.5 77.0 77.5 77.7 77.3 77.9 75.1 75.5 77.5 77.8 78.0 77.5 22.7 33.4 33.6 43.7 A3.2 53.7 35.3 ·).0 37.7 32.) 83.5 84.1 77. 32.7 53.4 75.2 35.0 45.3 35.3 27.0 37.1 87.3 37.3 37.5 87.7 39.0 39.5 39.1 19.3 39.7 13.7 37.3 33.17 39.4 30.5 -1.1 : ÷ **.** 3 17.4 34.3 89.5 97.4 90.1 14.4 $\mu \in \mathbb{F}_q \times_{\mathfrak{f}_q}$ 90.3 90.390.5 90.8 35.3 46.4 24.6 49.0 91.3 91.0 91.4 91.9 92.3 21.3 1.7 91.592.1 35.5 35.7 99.0 22.5 72.5 92.5 92.9 93.3 1.0 91.9 91.3 93.9 93.5 23.8 35.0 37.3 90.0 91.5 72.1 92.7 93.6 94.2 94.3 94.5 94.8 . 7. . 47.4 12.3 95.5 95.6 96.1 96.4 5.7 32.5 13.3 14.7 94. 1 --75.4 -7.1 33.3 24.0 13.4 94.4 05.2 35.0 95.7 96.2 77.4 97.7 97.2 71.7 75.9 00.9 45.4 37.9 13.9 95.2 95.5 77.4 98.1 98.5 95.2 37.9 . . 90.0 93.7 90.8 97.7 17.4 93.5 95.5 97.9 98.8 99.4 9).1 95.2 · • 5 15.4 47.4 33.0 93.7 96.5 95.3 97.9 98.0 **99.**) 100.0 .7.7 1 1 . 73.7 **→***...> 75.5 34.4 97. 10.0 99.0 32.0 100.0 OPERATING LOCATION MAM USAFSTAC. ASHEVILLE NO

Ę.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CILLING VIRGUS V FROM HOURLY OBSERVATIONS

A MCITATE	गामक्षर:		LST	TO UTC	+ 5	KENBACKE				PERIOD :HTMOM	OF REC	020: 4 HOURS:
	• • • • • •	• • • • • • •	• • • • • •	• • • • • •					*****	• • • • • •	• • • • • •	• • • • • •
CEILING	20		0.5	2.5				STATUTE			2.5	
IN	3.E.	3 (3 E	G e	ΘE	SE	G.€	. S.E	SE	GE	GE	
FFET		5	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8
• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •
NJ CEIL	39.1	33.3	38.B	39.1	40.4	43.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 20000	41.1	41.3	41.8	42.2	43.4	43.4	43.8	43.8	43.3	43.4	43.8	43
35 13000	41.3	41.5	42.0	42.4	43.7	43.7	44.0	44.0	44.9	44.2	44.0	44.0
35 15000	41.3	41.5	42.0	42.4	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.7
GE 14000	41.4	41.6	42.2	42.5	43.8	43.8	44.1	44.1	44.1	44.1	44.1	44.1
GE 12000	42.3	42.6	43.2	43.5	44.8	44.8	45.2	45.2	45.2	45.2	45.2	45.2
SF 10000	45.6	45.9	¥6.6	44.9	43.2	48.2	44.5	40.5	44.5	49.5	48.5	44.5
SE 9000	45.7	45.0	45.7	47.)	43.3	48.3	41.5	48.6	44.5	43.5	41.4	42.5
ge 3000	49.1	49.5	50.1	50.3	52.0	52.0	52.4	£ 2.4	52.4	52.4	52.4	52.4
G5 7000	50.3	51.2	51.3	52.5	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2
GE 6000	51.2	51.5	52.3	52.9	54.3	54.3	54.6	54.5	54.5	54.5	54.5	54.5
												-
SF 5333	54.5	35.2	55.0	56.9	59.3	53.3	58.7	58.7	59.7	53.7	53.7	27.7
35 4533	54.5	50.3	50.1	61.3	62.3	52.3	53.2	63.2	53.2	53.2	63.2	53.2
SE 4000	62.3	53.0	54.2	55.4	57.2	67.2	67.7	67.7	67.7	67.7	57.7	57.7
35 3500	54.7	55.7	55.9	58.5	70.4	70.4	71.0	71.0	71.0	71.0	71.0	71.0
GE 3000	57.4	53.2	67.7	71.5	74.2	74.2	74.9	75.1	75.1	75.1	75.1	75.1
35 2500	71.1	72.2	73.7	76.2	77.4	79.4	43.3	90.4	30.4	90.4	30.4	27.4
35 2000	7.	74.0	76.0	74.9	42.7	33.0	×4.1	34.5	34.5	24.5	c4.6	22 Lag - Lag
SE 1400	73.0	74.2	75.2	79.2	23.0	°3.3	4.4.4	94.9	34.3	94.9	34.9	14.7
GE 1500	75.3	77.0	79.4	32.5	30.2	36.6	87.3	80.3	33.3	53.4	33.4	59.4
GE 1200	75.0	73.0	31.2	34.7	33.7	39.0	90.9	71.5	91.5	91.3	91.8	91.5
35 1000	75.	71.1	91.7	(5 📲	99.1	a0.5	92.5	73.3	33.3	03.5	93.5	33.6
35 43A	77.0	79.4	12.2	9.1	91.0	91.4	93.4	94.2	14.2	34.4	94.4	94.4
35 400	77.3	71.7	32.5	86.0	71.7	92.4	95.1	95.8	94.3	96.0	95.9	95.0
3€ 700	77.4	79.8	32.7	37.3	92.5	93.2	95.9	96.9	96.9	97.1	97.1	97.1
GE 500	77.7	30 • I	53.0	37.5	93.1	93.5	96.7	98.0	95.0	93.3	73.3	75.3
37 333	77.7		33.0	57.5	93.1	93.9	97.1	74.5	34.7	ດລ•ດ	33.0	33.0
3F 400	77.7	*^•1	33.1	37.7	33.5	94.7	97.4	ુવા, વ	વવુ.ગ	3.3 * 2	39.5	33."
GE 300	77.7	an . 1	43.1	97.7	43.2	94.0	37.4	97.0	99.2	იე• ∾	00.9	99
SE 200	77.7	50.1	43.1	37.7	43.2	94.0	97.4	99.3	99.2	99.3	99.3	99.3
GE 100	77.7	33.1	3.1	H7.7	93.2	94.0	97.4	99.0	99.2	79.3	39.8	99.8
35 030	77.7	7.5.1	, 3 • 1		73.2	74.9	97.4	91.0	30.3	30° h	99.0	39.3
• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •

TOTAL NUMBER OF DISERVATIONS 330

	OLC CL The NCL		KENBACKE	R ANGB	Вн		PERIOD MONTH:		ORO: N HOURS:		• FEB 88		
	•••••	• • • • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	•••••
	G =	SE	GE	GE.	GE	GE	GE	GE	SE	GE	SE	GE	GE
	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •
	39.1	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
Ţ	42.2	43.4	43.4	43.8	43.8	43.8	43.8	43. R	43.9	43.8	43.9	43.3	43.8
Ţ.	42.4	43.7	43.7	44.0	44.0	44.0	44.7	44.0	44.0	44.0	44.0	44.0	44.0
,	42.4	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
	42.5	43.8	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
	43.5	44.8	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
	46.9	43.2	48.2	44.5	40.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
'	47.0	49.3	48.3	43.5	48.6	48.5	43.5	48.6	48.6	48.6	43.5	48.6	48.5
:	50.3	52.0	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
	52.5	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
	52.9	54.3	54.3	54.6	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6
	46.3	59.3	59.3	5s.7	53.7	59.7	53.7	58.7	58.7	59.7	58.7	58.7	58.7
	51.3	62.3	52.3	63.2	63.2	53.2	63.2	53.2	53.2	63.2	63.2	53.2	53.2
٠,	55.4	57.2	67.2	57.7	57.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
	54.5	70.4	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
ï	71.5	74.2	74.2	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
ı	75.2	77.4	79.4	A0.3	30.4	30.4	99.4	90-4	29.4	90.4	99.4	50.4	80.4
	71.9	32.7	33.0	R4.1	34 5	34.5	94.5	54.5	94.6	84.6	34.6	84.6	84.6
	79.2	33.0	83.3	84.4	94.9	34.3	94.9	94.9	34.9	94.9	84.9	84.9	84.9
	32.5	90.2	86.6	87.8	38.3	33.3	83.4	88.4	83.4	38.4	38.4	88.4	86.4
•	34.7	33.7	39.0	90.9	91.5	91.6	91.3	91.8	91.8	91.8	91.8	91.8	91.8
		,,,,,,	,,,,		71.0	71.5	21.4.9	71.65	7 L • O	71.0	71.0	71.0	71.0
	15.4	99.1	90.5	92.5	03.3	93.3	93.5	93.5	73.5	93.5	93.5	93.5	93.5
,	25.1	71.7	91.4	93.4	94.2	24.2	04.4	94.4	94.4	94.4	94.4	94.4	94,4
	4 F . O	91.7	92.4	95.1	95.A	95.3	96.0	95.9	95.0	96.0	96.0	96.0	96.0
	37.3	92.5	73.2	95.9	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2
	37.5	93.1	93.A	96.7	98.0	33.0	98.3	93.3	98.3	98.4	98.4	98.4	98.4
	17.5	93.1	93.9	97.1	34.5	98.7	99.9	99.0	99.0	99.1	99.1	99.1	99.1
:	57 . 7	33.2	94.9	37.4	34.વ	99.J	99.5	39.5	97.5	99.7	99.7	99.7	99.7
!	27.7	→3.2	94.0	37.4	99.0	99.2	99.4	9.8	99.8	100.0	100.0	100.0	100.0
	67.7	+3.2	94.0	97.4	99.0	99.2	79.3	99.8	99.8	100.0	100.0	100.0	100.0
ı	57.7	93.2	94.0	97.4	99.3	99.2	99.3	39.8	99.8	100.0	100.0	100.0	100.0
:	47.2	>3.2	94.0	97.4	27.0	29.2	39.8	99.R	99,9	100.0	100.0	100.0	100.0
• • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •

OPERATING LOCATION "A" USAFETAS, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBI FROM HOURLY OBSERVATIONS

STATION N	Maes:	724295	-	TO UTC	+ 5	KENBACKE				MONTH:	MAR	CORD: 1	-
CELLING	• • • • • •	• • • • • • •		• • • • • •						• • • • • • •	• • • • • •	• • • • • • •	• • • • •
CEILING	GE	35	GE	G#		VISIBILI GE	GE GE	STATUTE SE	GE	G3	GE.	GE	37
EEFT	7	5	() C	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5 / 3	1/2
												7/7	1/3
	••••				• • • • • • •	• • • • • • • •	••••		• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •
ND CEIL	39.7	40.1	40.4	41.0	41.8	41.8	41.9	42.0	42.0	42.3	42.3	42.3	42.
GE 20000	41.3	41.7	42.0	42.5	43.4	43.4	43.5	43.7	43.7	43.7	43.9	43.9	43.
GE 18000	41.3	41.7	42.0	42.5	43.4	43,4	43.5	43.7	43.7	43.3	43.7	43.9	43.
SE 15000	41.3	41.7	42.0	42.6	43.4	43.4	43.5	43.7	43.7	43.9	43.9	43.9	43.
GE 14000	41.5	41.9	42.3	42.3	43.7	43.7	43.3	43.9	43.9	44.1	44.1	44.1	44.
GE 12007	42.5	42.9	43.2	43.8	44.6	44.5	44.7	44.8	44.8	45.1	45.1	45.1	45.
GE 10000	44.1	4+.5	44.5	45.4	46.2	45.2	45.3	46.5	46.5	45.7	46.7	45.7	45.
GE 9000	44.1	44.5	44.3	45.4	45.2	45.2	45.3	45.5	46.5	45.7	46.7		45.
GE 9000	47.2	47.5	43.0	43.5	49.4	49.4	49.5	49.7	49.7	49.9	49.9		47.
GF 7000	47.4	47.0	57.2	50.3	51.5	51.5	51.7	51.9	51.7	52.2	52.2	52.2	52
GE 5000	50.1	50.5	51.0	51.5	52.4	52.4	52.5	52.7	52.7	52.9	52.9	52.9	52.
GE 5000	53.7	54.3	54.7	55.4	55.2	55.2	56.3	56.5	55.0	55.3	56.5	56.3	55.
35 4500	55.7	57.6	54.5	59.7	53.5	50.5	5).3	61.0	51.0	61.2	61.2		61.
65 4000	60.0	50.8	61.3	53.4	64.5	54.5	54.7	54.9	54.9	55.2	65.2		65.
SE 3500	62.3	63.5	54.3	56.3	67.6	67.7	57.9	59.1	58.1	68.3	69.3		59.
GE 3000	2.50	55.1	67.6	69.4	71.0	71.1	71.2	71.5	71.5	71.7	71.7	71.7	71.
GE 2500	70.4	71.6	73.3	75.4	17.5	77.6	77.7	73.3	78.3	73.5	76.5	73.5	74.
35 2000	72.3	74.0	75.3	74.4	3).9	91.2	91.7	a2.3	32.3	32.5	32.5		92.
35 1800	72.3	74.5	76.5	79.0	31.5	81.8	82.5	93.0	33.0	83.2	53.2		43,
35 1500	75.1	77.0	79.4	32.0	85.2	95.5	85.6	87.2	37.2	97.6	87.6		97.
SE 1200	75.0	73.5	01.2	34.5	37.5	93.1	39.1	90.4	90.4	90.9	90.9		95.
GE 1000	77.0	73.1	32.2	35.3	33.9	39.4	90.9	32.2	92.2	92.5	92.7	92.7	92.
35 939	77.5	79. a	32.7	36.7	39.8	90.5	92.2	73.4	73.4	23.2	94.0		94.
gr ann	77.5	99.0	93.2	97.2	93.3	91.4	93.2	94.5	74.5	94.9	95.1	95.1	95
35 700	79.0	30.3	33.7	37.3	91.3	92.4	94.3	95.6	35.6	95.0	95.1	96.1	95.
GE 500	73.1	30.4	34.0	35.8	92.5	93.5	45.0	97.3	97.3	97.7	97.8		37.
GE 500	73.1	°0.4	84.U	ವಿ∂.⊀	92.5	23.5	95.7	97.4	97.4	27.3	98.2	95.2	93.
35 400	71.1	.). 4	14.1	3 H 3	12. g	93.9	96.3	73.4	90.4	28.5	93.1	99.1	จร์
SE 300	79 · i	19.4	34.1	99.0	92.3	93.9	96.5	93.6	98.5	99.1	99.5		99
GE 200	73.1	39.4	84.1	83.9	92.3	93.9	96.5	98.5	29.6	99.1	99.6		99
GE 100	75.1	30.4	84.1	38.0	92.3	93.9	95.5	98.5	93.5	99.1	99.6		99.
35 330	7:1	- 7, 4	'4.1	ee.9	92.8	93.9	95.5	99,5	14.5	39.1	39.6	99.6	an.

FOTAL NUMBER OF DASERVATIONS 930

	AP NET		KENBACKE	ER ANGB	ЭH		PERIOD MONTH:	_	ORD: MA HOURS: (FE8 88		
• •	• • • • • •	• • • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
	G.E	ĢĒ	GE	GE.	GE	Se	GE.	GE	GF	GE	3E	GE	GF
	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/4	1/2	3/3	1/4	С
• •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
,	41.0	41.3	41.8	41.9	42.0	42.0	42.3	42.3	42.3	42.3	42.3	42.4	42.4
	42.5	43.4	43.4	43.5	43.7	43.7	43.7	43.9	43.9	43.9	43.9	44.0	44.0
):	42.5	43.4	43.4	43.5	43.7	43.7	43.0	43.9	43.9	43.9	43.9	44.0	44.0
	42.5	43.4	43.4	43.5	43.7	43.7	43.9	43.9	43.9	43.9	43.9	44.0	44.0
	42.3	43.7	43.7	43.9	43.9	43.9	44.1	44.1	44.1	44.1	44.1	44.2	44.2
	43.5	44.0	44.5	44.7	44.8	44.8	45.1	45.1	45.1	45.1	45.1	45.2	45.2
	+5.4	46.2	45.2	45.3	46.5	46.5	45.7	46.7	45.7	46.7	40.7	46.3	46.8
	45.4	45.2	45.2	45.3	45.5	46.5	46.7	46.7	46.7	45.7	45.7	46.9	46.8
	44.5	49.4	49.4	49.5	49.7	49.7	49.9	49.9	49.9	49.9	49.9	50.0	50.0
	50.3	51.5	51.5	51.7	51.9	51.9	52.2	52.2	52.2	52.2	52.2	52.3	52.3
	51.5	52.4	52.4	52.5	52.7	52.7	52.9	52.9	52.9	52.9	52.9	53.0	53.0
	55.4	55.2	55.2	55.3	56.5	56.5	55.3	56.8	56.3	56.R	50.3	56.9	56.9
	54.7	40.5	50.5	50.3	61.0	51.0	51.3	61.2	51.2	61.2	51.2	51.3	61.3
;	23.4	54.5	54.5	54.7	54.9	54.9	55.2	65.2	65.2	65.2	55.2	65.3	65.3
•	59.3	67.6	57.7	67.8	58.1	58.1	58.3	68.3	68.3	58.3	58.3	59.4	58.4
	53.4	71.0	71.1	71.2	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.8	71.8
	15.4	77.5	77.5	77.7	73.3	7B • 3	78.5	75.5	73.5	79.5	73.5	78.6	78.6
	70.4	3).9	91.2	91.7	82.3	32.3	32.5	32.5	92.5	82.5	82.5	82.5	82.5
	79.0	91.5	81.8	82.5	83.0	33.0	93.2	83.2	83.2	93.2	83.2	83.3	83.3
•	32.0	35.2	85.5	85.5	27.2	37.2	87.6	87.6	87.6	87.6	97.6	87.7	87.7
	14.5	47.6	93.1	39.1	90.4	90.4	90.3	90.9	90.9	90.9	90.9	91.0	91.0
	33.3	33.9	39.4	90.9	22.2	92.2	92.5	92.7	92.7	92.7	92.7	92.3	92.8
	36.7	37.9	90.5	92.2	73.4	73.4	23.2	94.0	94.0	94.0	94.0	94.1	94.1
	47.2	97.3	91.4	93.2	94.5	94.5	94.9	95.1	95.1	95.1	95.1	95.2	95.2
,	37.3	91.3	92.4	94.3	95.6	95.6	96.0	96.1	96.1	95.1	96.1	96.2	95.2
	35.8	92.5	93.5	95.6	97.3	97.3	97.7	97.8	97.3	97.8	97.8	98 . 1	98.1
	3:.4	92.5	23.5	95.7	37.4	97.4	97.3	98.2	98.2	93.2	93.2	98.4	98.4
:	10.9	22.4	93.9	96.3	73.4	28.4	04.8	99.1	99.1	99.2	99.2	99.5	99.5
:	99.9	92.8	93.9	95.5	93.6	98.5	99.1	99,5	99.5	99.6	99.6	99.8	99.9
	41,0	92.3	93.9	96.5	98.5	28.6	99.1	39.6	99.6	99.7	99.7	99.9	100.0
:	30.3	72.3	93.9	96.5	98.5	98.6	99.1	99.6	99.6	99 .7	99.7	99.9	100.0
:	4. Q	9 <u>2</u> .8	93.9	95.5	29.6	38.5	79.1	99.6	99.6	92.7	29.7	99.9	100.0
			• • • • • • •		• • • • • • •						• • • • • •		

OPERATING LOCATION MAM USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBE FROM HOURLY DESERVATIONS

STATION NUMBER: 724285					TON NAT		KENBACKE	R ANGB	_		PERIOD HINOM	-	CORD: '	1AP 78 06-09
130	LING	• • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • • • •	VISISILI	TY IN		MILES	• • • • • •	• • • • • •	• • • • • •	• • • • •
Ī		3,5	9 F	Sξ	G.F	JΞ	GE.	Ġξ	SF.	GE	GE	G€	GF	SE
ĿĒ	₹T	7	5	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2
• • •	• • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •
NU	CEIL	31.5	32.9	34.7	36.0	37.3	37.4	38.4	38.7	39.0	39.2	39.2	39.2	39.
35	20000	34.7	36.1	33.7	40.1	41.5	41.5	42.6	42.9	43.3	43.5	43.5	43.5	43.
ĢĒ	13000	34 . 3	36.2	39.3	40.2	41.5	41.7	42.7	43.0	43.4	43.7	43.7	43.7	43.
SS	15000	34.3	36.2	33.3	40.2	41.6	41.7	42.7	43.0	43.4	43.7	43.7	43.7	43.
GE	14000	34.3	35.2	38.₫	40.2	41.6	41.7	42.7	43.0	43.4	43.7	43.7	43.7	43.
GE	12000	35.5	35.9	39.5	40.9	42.4	42.5	43.4	43.8	44.2	44.4	44.4	44.4	44,
3.E	10000	35.0	34.3	41.0	42.5	44.0	44.1	45.1	45.4	45.8	45.0	45.0	45.0	45.
r, e	შიეე	37.0	33.4	41.1	42.5	44.1	44.2	45.2	45.5	45.9	45.1	46.1	45.1	45.
3E	3000	42.3	44.0	45.7	48.3	50.0	50.1	51.1	51.6	52.0	52.4	52.4	52.4	52.
ĞŁ.	7000	44.1	45.8	48.0	50.4	52.2	52.3	53.2	53.3	54.2	54.5	54.5	54.5	54.
SE	900J	44.7	45.7	49.5	51.3	53.0	53.1	54.1	54.6	55.1	55.4	55.4	55.4	55.
SE	5000	40.5	9).2	53.3	55.4	57.3	57.5	53.5	52.0	59.5	59,8	50.8	59.4	5 0,
?E	4533	50.5	52.7	55.3	55.1	50.0	50.2	61.2	71.7	52.2	42.5	62.5		42.
SE	4000	53.3	55.5	59.8	61.3	53.2	63.7	64.7	55.3	55.7	56.1	55.1	56.1	55.
GĒ	350)	55.1	57.3	50.9	53.4	05.4	65.3	66.9	67.4	67.8	59.3	68.3	53. 3	55.
SE	3000	57.1	50.0	54.1	67.0	59.1	59.0	70.6	71.4	71.8	72.3	72.3	72.3	72.
g c	2500	61.4	54.3	59.1	72.5	74.7	75.3	77.0	77.3	78.4	79.3	78.2	73.2	79.
ĢE	2777	63.3	55.2	71.1	74.5	77.6	78.5	70.3	30.9	31.4	91.4	91.4		82.
35	1900	54.9	55.9	71.7	75.3	79.3	79.1	80.5	41.5	32.9	92.5	92.5	82.5	92,
SE	1500	55.1	63.1	73.5	77.5	30.3	31.8	33.2	34.4	84.9	85.5	35.7		35.
ůĹ	1200	67.3	70.3	76.0	31.0	34.5	95.7	27.3	39.0	89.5	90.1	90.4	90.4	90.
٦ŗ	1202	60.3	71.4	73.3	33.0	37.0	98.3	20.0	91.7	92.3	32.9	93.2	93.2	o3.
35	200	57.7	72.5	79.2	44.3	33.9	90.3	92.0	23.8	94.3	74.9	95.3		05.
3E	900	67.4	72.9	79.3	84.8	89.7	91.5	93.4	95.2	95.7	96.3	95.7		97
GE	700	59.5	73.0	79.9	34.9	39.9	91.7	93.3	95.5	96.1	95.5	97.1	97.1	97.
GĔ	600	09.5	73.2	30.1	35.4	90.5	92.4	94.4	96.5	97.0	97.7	98.1	98.1	93.
Ç.	500	50.5	73.2	39.1	35.4	90.5	92.4	94.4	95.6	17.1	97.3	93.4	28.4	92.
ς́ε.	400	39.5	73.2	30.1	35.4	23.5	22.5	94.5	96.3	97.3	73.1	99.7		ດລຸ
ĠΕ	300	59.5	73.2	90.1	35.4	99.5	92.5	94.5	96.8	97.3	98.1	ရိမ္ပါ ခ		99
GE	290	07.5	73.2	10.1	35.4	93.5	92.5	94.5	96.3	97.3	98.2	99.0	99.0	99
ĞĒ	100	69.5	73.2	80.1	35.4	90.6	92.5	94.5	96.3	97.3	98.2	99.0		ýý.
ĢE	<u> </u>	50.5	73.2	37.1	35.4	90.5	92.5	94.5	95.9	97.3	98.2	99.0	99.0	90,
• • •		• • • • • •			• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	

TOTAL NUMBER OF JASERVATIONS 930

		VISIBILI	TY IN	STATUTE	MILES							• • • • •
GE	SΞ	GE	GE	SE	GE	GE	GE	GE	GE	GΞ	GE	GE
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/9	1/2	3/8	1/4	J
• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • •
36.0	37.3	37.4	38.4	38.7	39.0	39.2	39.2	39.2	39.4	39.4	39.5	39.5
0.1	41.5	41.6	42.5	42.9	43.3	43.5	43.5	43.5	43.7	43.7	43.3	43.
0.2	41.5	41.7	42.7	43.0	43.4	43.7	43.7	43.7	43.8	43.8	43.9	43.
0.2	41.6	41.7	42.7	43.0	43.4	43.7	43.7	43.7	43.8	43.8	43.9	43.
0.2	41.6	41.7	42.7	43.0	43.4	43.7	43.7	43.7	43.8	43.8	43.9	43,
0.9	42.4	42.5	43.4	43.8	44.2	44.4	44.4	44.4	44.5	44.5	44.6	44.6
2.5	44.0	44.1	45.1	45.4	45.8	45.0	46.0	45.0	46.1	46.1	46.2	46.2
2.5	44.1	44.2	45.2	45.5	45.9	46.1	46.1	45.1	46.2	46.2	46.3	46.
3.3	50.0	50.1	51.1	51.6	52.9	52.4	52.4	52.4	52.5	52.5	52.6	52.6
0.4	52.2	52.3	53.2	53.3	54.2	54.5	54.5	54.5	54.6	54.6	54.7	54.7
1.3	53.0	53.1	54.1	54.6	55.1	55.4	55.4	55.4	55.5	55.5	55.5	55.6
5.4	57.3	57.5	59.5	59.0	59.5	59.3	59.8	59.8	59.9	59.9	60.0	60.0
) • I	50.0	50.2	61.2	51.7	52 • Z	42.5	62.5	62.5	62.6	62.6	62.7	62.
1.3	53.2	63.7	64.7	55.3	55.7	56.1	55.1	56 · 1	55.3	66.3	66.5	66.5
3.4	55.4	65.9	66.9	67.4	67.8	53.3	68.3	63.3	63.5	68.5	58.5	68.6
7.0	59.1	59.6	70.6	71.4	71.8	72.3	72.3	72.3	72.5	72.5	72.6	72.6
2.5	74.7	75.3	77.0	77.8	78.4	7९.2	78.A	78.8	79.0	79.0	79.1	79.1
4.7	77.5	7 8.5	79.9	30.9	31.4	91.3	91.8	81.8	82.0	32.0	82.2	82.2
5 • 3	73.3	79.1	80.5	41.5	32.0	82.5	92.5	82.5	82.7	82.7	82.8	82.5
7.5	ત્ર0∙3	31.8	53.2	34.4	84.9	85.5	85.7	85.7	35.9	85.9	86.0	86.0
1.0	34.5	95.7	87.3	39.0	89.5	90.1	90.4	90.4	90.6	90.6	90.8	90.8
3.0	37.0	3 8.3	90.0	91.7	92.3	92.9	93.2	93.2	93.5	93.5	93.7	93.7
4.3	33.9	90.3	92.0	23.8	94.3	74.9	95.3	95.3	95.5	95.6	95.7	95.
4.3	99.7	91.5	93.4	95.2	95.7	96.3	96.7	96.7	97.0	97.1	97.2	97.2
4.9	39.9	91.7	93.3	95.5	96.1	95 • 3	97.1	97.1	97.4	97.5	97.4	97.6
() • •	90.5	92.4	94.4	96.5	97.0	97.7	98.1	98.1	98.4	98.5	98.6	98.6
<i>5</i> , 4	90.5	92.4	94.4	95.6	77.1	97.3	99.4	98.4	98.7	93.3	98.9	99.
5 . 4	37.5	92.5	94.5	96.3	97.3	29.1	98.7	98.7	99.1	94.2	99.4	99.4
5.4	20.5	92.5	94.5	96.8	97.3	98.1	98.8	98.8	99.2	99.4	99.5	99.
n • 4	93.5	92.5	94.5	96.3	97.3	98.2	99.0	99.0	99.5	99.6	99.7	99.9
9.4	20.5	92.5	94.5	96.3	97.3	98.2	99.0	99.0	99.5	99.6	99.7	100.0
5.4	90.5	92.5	94.5	95.8	27.3	28.2	99.0	99.0	99.5	94.6	99.7	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBI USAFETAC. ASHEVILLE NO FROM HOURLY OBSERVATIONS

STA	M METT	UM9ER:	724285		TO UTC		KENBACKE	R ANGB	ЭH		PERIOD MONTH:	MAR	HOURS:	MAR 78 09-11
CEI	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	· • • • • • • • • • • • • • • • • • • •		TY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • • •	• • • • • •
1	:4	d €	Ç.⊏	GΕ	GE	SE	GE	GE	GΞ	GE	GE	GE	GE	GE
	€ T	7	to .	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/3	177
• • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •
СИ	CEIL	34.7	35.0	37.5	38.7	39.5	39.6	40.0	40.2	40.2	40.2	40.2	40.2	40.
	20000	39.1	40.9	42.5	43.7	44.4	44.5	45.2	45.5	45.5	45.5	45.5	45.5	45.
	14000	33.5	41.2	42.3	44.0	44.7	44.3	45.5	45.8	45.3	45.8	45.3		45.
_	16000	39.5	41.2	42.3	44.0	44.7	44.8	45.5	45.8	45.8	45.8	45.8		45.
	14000	39.3	41.5	43.2	44.4	45.2	45.3	45.9	45.2	45.2	45.2	46.2		46.
GE	12000	41.0	42.8	44.4	45.7	46.5	46.6	47.2	47.5	47.5	47.5	47.5	47.5	47.
GE	10000	42.3	44.7	45.3	47.7	43.6	48.7	49.4	49.7	49.7	49.7	49.7	49.7	49.
3F	9999	43.2	45.3	45.9	48.3	49.1	49.2	49.9	50.2	50.2	50.2	50.2	50.2	50.
ÇĒ	9000	46.3	48.7	50.8	52.5	53.4	53.5	54.2	54.5	54.5	54.5	54.5	54.5	54.
ŞĘ	7000	49.7	51.1	53.1	54.9	55.9	56.0	56.7	57.0	57.9	57.0	57.0	57.0	57.
GE	5000	43.9	51.3	53.3	55.3	56.2	56.3	57.1	57.4	57.4	57.4	57.4	57.4	57.
5E	5000	51.2	53.9	56.0	59.1	59.1	59.4	60.1	50.4	63.4	50.4	50.4	50.4	6J.
35	4532	5?.7	55.5	57.8	50.1	51.5	61.7	52.5	52.3	52.3	52.8	62.3	52 · 9	52.
3E	4000	明年,4	58.3	50.5	63.2	54.8	55.1	55.0	66.3	66.3	66.3	66.3	66.3	56.
ÇE	35))	57.3	5).4	63.0	65.6	67.5	57.3	69.9	59.2	59.2	69.2	69.2	69.2	69.
úΕ	3000	91.1	54.3	65.9	59.9	72.2	72.5	73.5	73.9	73.9	73.9	73.9	73.9	73.
üE	2500	55.5	49.5	71.9	74.9	77.3	77.6	78.8	79.1	79.1	79.1	79.1	79.1	79.
SF	2000	67.1	7.3.3	74.2	77.3	79.9	80.5	31.3	32.2	82.2	P2.2	22.2	32.2	92.
95	1300	57.5	71.0	74.3	78.0	80.5	81.5	82.9	83.2	33.2	83.2	83.2	33.2	я3.
55	1500	69.1	73.1	77.3	81.0	83.9	85.1	85.6	85.9	36.9	36.9	87.1	87.1	87.
GE	1200	73.1	74.6	79.4	83.2	36.6	97.7	89.5	39.8	90.0	90.0	90.3	90.3) 0.
GΕ	1000	75.3	75.0	31.0	35.1	88.7	59.9	91.6	91.9	92.2	92.2	92.5	92.5	92.
7,=	77)	71.1	76.3	31.5	25.9	89.6	90.9	92.3	93.2	93.4	73.4	93.4	93.4	93.
C, C	400	71.5	77.0	32.6	37.0	70.6	92.2	94.1	74.5	94.3	94.9	95.4	95.5	95.
GE	700	71.5	77.1	32.7	۶7.1	91.0	92.5	94.5	95.1	95.4	95.9	96.3	95.5	95.
GĒ	500	71.5	77.1	32.3	37.2	91.6	93.2	95.3	95.8	95.1	96.9	97.3	97.5	97.
GE	500	71.5	77.1	32.5	37.2	91.7	93.3	95.5	96.1	95.5	97.3	97.7	93.0	93.
7,=	400	71.5	77.1	32.3	97.2	71.0	93.5	95.9	95.7	97.1	99.1	98.4	99.4	99.
35	300	71.5	77.1	92.8	87.2	91.9	93.5	95.9	96.7	97.1	98.1	98.7	-	99
GE.	200	71.6	77.1	82.3	37.2	91.8	93.5	95.9	96.7	97.1	98.1	98.7	-	99.
ĜΕ	100	71.0	77.1	32.3	37.2	91.3	93.5	95.9	96.7	97.1	98.1	98.7	98.9	99.
95	220	71.6	77.1	42.4	9 7. ?	91.8	93.5	95.9	95.7	97.1	99.1	98.7	98.9	99.

TOTAL NUMBER OF UBSERVATIONS 930

FATION NAME: RICKENBACKER ANGS OH PERIOD OF RECORD: MAR 78 - FEB 88 ST TO UTC: + 5 MONTH: MAR HOURS: 09-11 VISIBILITY IN STATUTE MILES GE GE GE GE GE GE GΕ GE GE GE 1 1/2 1 1/4 5/3 33.7 39.5 39.6 40.0 40.2 40.2 40.2 40.2 40.2 40.2 40.2 40.3 40.4 45.5 45.5 45.5 45.5 43.7 44.4 44.5 45.2 45.5 45.5 45.5 45.6 45.7 45.R 45.8 45.8 45.9 44.0 44.7 44.3 45.5 45.8 45.3 45.3 45.3 46.0 44.0 46.0 44.7 44.8 45.5 45.8 45.8 45.8 45.8 45.8 45.8 45.8 45.9 44.4 46.2 45.2 45.3 45.9 45.2 45.2 45.2 46.2 45.2 46.2 46.3 46.5 45.7 47.2 47.5 47.5 47.5 47.5 47.5 47.6 47.7 46.5 46.6 47.5 47.5 48.7 49.4 49.7 49.7 49.7 49.7 49.7 49.7 49.8 49.9 47.7 43.6 49.7 48.3 49.9 49.1 49.2 50.2 50.2 50.2 50.2 50.2 50.2 50.2 50.3 50.4 53.4 54.2 54.5 54.5 54.5 54.5 54.5 54.5 54.5 54.6 54.7 52.5 53.5 54.9 55.9 56.0 56.7 57.0 57.0 57.0 57.0 57.0 57.0 57.0 57.1 57.2 57.4 55.2 56.3 57.4 57.4 57.4 55.3 57.1 57.4 57.4 57.4 57.5 57.6 55.1 59.1 59.4 60.1 50.4 60.4 50.4 50.4 50.4 60.4 60.4 60.5 00.6 62.8 50.1 51.5 61.7 52.5 52.3 52.3 62.9 52.3 62.8 52.5 62.9 63.0 54.5 55.1 55.0 55.3 55.3 66.3 66.3 56.3 66.3 66.3 53.2 66.5 66.6 69.2 65.5 67.5 67.8 69.3 69.2 69.2 59.2 69.2 69.4 69.5 69.2 59.2 57.9 72.2 72.5 73.5 73.9 73.9 73.9 73.9 73.9 73.9 73.9 74.0 74.1 77.3 77.5 78.8 79.1 79.1 79.1 79.1 79.1 77.1 79.1 79.2 79.4 92.2 77.3 90.5 82.2 22.2 82.2 32.2 79.9 31.3 32.2 92.2 92.3 82.4 81.5 33.2 83.2 83.2 83.3 93.3 83.4 79.0 80.5 32.9 43.2 33.2 83.5 87.1 87.1 87.2 P1.0 33.9 85.1 85.6 86.9 36.9 86.9 87.2 87.3 87.4 90.4 43.2 36.5 97.7 89.5 39.3 90.0 90.0 90.3 90.3 90.4 90.5 90.5 59.9 92.7 92.2 92.5 92.5 92.6 92.5 92.8 35.1 A-3.7 91.6 91.9 92.2 45.4 47.6 90.9 92.3 93.2 73.4 93.4 93.8 93.8 93.3 93.9 94.0 94.1 92.2 95.7 96.0 94.1 94.8 37.0 99.6 34.5 94.9 95.4 95.5 95.7 95.9 95.9 95.6 96.8 96.8 97.1 97.2 95.1 95.4 95.3 27.1 91.0 92.5 94.5 93.2 95.1 37.2 91.5 95.3 95.8 96.9 97.5 97.7 97.7 98.1 98.2 97.3 95.5 37.2 91.7 93.3 96.1 95.5 97.3 97.7 93.0 98.2 38.2 98.5 98.7 99.0 99.1 71.0 95.7 94.7 99.8 99.0 99.5 27**.**2 97.1 99.5 93.5 98.5 91.9 47.2 93.5 95.9 95.7 97.1 98.1 98.7 98.9 99.1 99.2 99.8 100.0 98.1 99.2 95.9 97.1 99.8 37.2 91.3 93.5 98.7 93.9 99.1 96.7 100.0 37.2 93.5 95.9 96.7 97.1 93.1 98.7 98.9 99.1 99.2 99.8 100.0 99.1 93.5 95.9 98.1 77.1 98.9 99.2 99.9 100.0 OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI-FROM HOURLY DESERVATIONS

CEILING VISIBILITY IN STATUTE MILES IN SF SF SE GE SE GE GE GE FFFT 7 5 5 5 4 3 2 1/2 2 1 1/2 1 1/4	GE GE 1 3/4 8.2 33.	5/3 1
IN SE SE SE SE SE SE SE	1 3/4 8.2 33.	5/3 1
	1 3/4 8.2 33.	5/3 1
***! 7 5 5 4 3 2 1/2 2 1 1/2 1 1/4	8.2 33.	• • • • • • • • • • • •
••••••••••••••••••••••••••••		2 38.2 3
		2 38.2 3
NO CEIL 35.3 36.7 37.1 37.8 38.1 38.2 38.2 38.2 38.2	4.4 44.	
GF 20000 41.3 42.9 43.3 44.1 44.3 44.4 44.4 44.4 44.4		4 44.4 4
GE 18000 42.2 43.1 43.7 44.4 44.5 44.7 44.7 44.7 44.7	4.7 44.	7 44.7 4
55 15000 42.2 43.1 43.7 44.4 44.5 44.7 44.7 44.7 44.7	4.7 44.	7 44.7 4
GE 14000 42.8 43.8 44.3 45.1 45.3 45.4 45.4 45.4 45.4	5.4 45.	4 45.4 4
	7.3 47.	
	0.4 50.	
	1.1 51.	
	5.9 55.	
	7.5 57.	6 57.5 5
GE 60J0 53.9 55.4 56.5 57.4 57.6 57.7 57.7 57.7 57.7	7.7 57.	7 57.7 5
GE 5000 54.4 55.0 57.0 58.0 53.2 58.3 58.3 58.3 58.3	8.3 53.	3 55.3 5
	9.6 59.	
	1.8 51.	
	5.2 55.	
	3.0 73.	-
35 2500 71.6 74.7 76.8 78.3 70.7 80.1 80.4 80.4 30.4	ე.5 შე.	5 80.5 F
- 95 - 2000 - 73.1 - 75.6 - 79.0 - 20.3 - 32.2 - 82.6 - 83.0 - 33.0 - 33.0	3.1 23.	2 33.2 8
- 55 1800 73.7 77.3 79.9 81.5 83.0 83.4 83.9 83.9 83.9	4.0 84.	1 84.1 %
GE 1500 75.5 39.3 33.7 35.8 37.3 38.0 88.4 38.5 88.5	გ.ნ გმ.	7 83.7 5
GE 1200 77.7 B2.7 B6.0 B8.3 90.1 90.8 91.3 91.5 91.7	1.3 91.	9 31.9 3
35 1000 79.3 33.3 36.7 89.1 91.4 92.2 93.0 93.3 93.4	3.5 93.	7 93.7 9
	5.5 95.	
	5. 8 95.	
	8.3 98.	
	9.2 99.	
00 300 1 00	,,,,	7,11
	7.4 93.	5 99,5 9
	d*8 od*	7 99.7 9
35 300 79.7 35.1 33.7 91.5 94.9 96.2 98.4 99.0 99.1	9.5 99.	8 99.8 10
	9.5 99.	१ 99.5 10
GE 100 79.7 35.1 38.7 91.6 94.9 96.2 98.4 99.0 99.1	9.6 99.	8 99.3 10
35 030 74.7 85.1 38.7 91.5 94.9 26.2 98.4 97.0 29.1	9.6 99.	8 99.8 10

TOTAL NUMBER OF DISERVATIONS 930

LIT

	סדט בד	: + 5	KENBACKE	R ANGB	ан		PERIOD MONTH:		ORD: M HOURS:		FE3 88		
1			VISIBILI	TY In	STATHE	MILES	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •	•••••
3	55	G.E	GE	S€	GE	SF	GE	GE	G∈	G∉	SE	GE	GE
	4	3	2 1/2	2		1 1/4	1	3/4	5/9	1/2	3/8	1/4	5
1			,										
1													
1	37.5	38.1	33.2	38.2	38.2	38.2	38.2	33.2	38.2	38.2	38.2	38.2	38.2
٦	44.1	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
1	.4.4	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
4	44 4	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
1	45.1	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
1	47.0	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
l			.,,,,					,,,,	.,,,			,,,,,	****
1	30.1	50.3	50.4	50.4	50.4	57.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
1	3.3	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
	35.6	55.3	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
1	o7⋅3	57.5	57.6	57.6	57.5	57.6	57.5	57.6	57.5	57.6	57.6	57.5	57.6
1	57.4	57.6	57.7	5 7.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
Ì	: -, 5	53.2	59.3	5 4. }	52.3	55.3	58.3	53.3	55.3	54.3	58.3	59.3	53.3
1		53.5	53.5	50.5	50.5	57.6	59.6	59.6	59.5	50,6	59.6	59.5	59.5
1	1.3	61.7	51.8	51.3	51.8	51.3	51.8	51.8	61.9	51.9	51.8	61.8	61.8
1	, , ,	56.1	55.2	05.2	56.2	55.2	65.2	65.2	56.2	55.2	66.2	56.2	66.2
1	71.5	72.7	72.9	73.0	73.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
1				, , , , -				• .			,		,
1	73.3	77.7	30.1	80.4	37.4	30.4	27.5	80.5	80.5	80.5	90.6	80.6	80.5
- 1	· • 3	32• <i>2</i>	32.5	93.0	33.0	33.0	£3.1	a3.2	33.2	83.3	93.3	83.3	43.3
١	11.5	33.0	83.4	83.9	93.9	93.9	94.0	94.1	84.1	94.2	84.2	84.2	84.2
1	3.55 . "	37.3	38.0	88.4	38.5	88.5	88.5	გგ.7	83.7	88.8	83.8	38.3	88.8
1	3	90.1	90.8	91.3	91.5	91.7	91.1	91.9	91.9	92.0	92.0	92.0	92.0
1	1	71.4	92.2	93.9	23.3	93.4	93.5	93.7	93.7	93.3	93.8	93.8	93.8
1	,	92.4	93.7	94.9	35.3	75.4	25.5	95.5	95.6	95.7	95.7	95.7	95.7
1	20.3	93.7	94.5	95.0	96.5	25.7	96.8	95.9	96.9	97.0	97.0	97.0	97.0
4	11.3	94.4	95.7	97.5	98.1	93.2	93.3	96.4	98.4	98.5	98.5	98.5	98.5
1	1.5	94.3	76.1	98.2	93.7	98.8	99.2	99.4	99.4	99.5	99.5	99.5	99.5
1		24.2	٠.	00.5	0.0 0	22.2	63.	0.5 5	00.5	00.4	00.1	00:	0.2 1
1	11.0	24.3	26.1	94.2	93.8	73.9	97.4	99.5	99.5	99.5	99.6	99.6	99.6
4	1.5	34.9	76.2	23.4	ວລຸດ ວລຳປ	39.1	22.6	9.7	99.7	99.9	99.3	97.8	99.8
]	11.5	94.9	96 • 2	98.4	99.0	99.1	39.5	99.8	99.8	100.0	100.0	100.0	100.0
d	/l.6	94.9	96.2	94.4	99.0	99.1	99.5	99.8	99.5	100.0	100.0	100.0	100.0
1	11.5	94.9	96.2	99.4	99.0	99.1	99.6	99.8	99.8	100.0	100.0	100.3	100.0
ÿ	11.5	94.9	26.2	98.4	99.9	39.1	99.6	03.8	99.9	100.0	100.0	100.0	100.0
1		• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	

0 - 2 - 23

OPERATING LOCATION MAM USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF DEILING VERSUS VISIBLE FROM HOURLY DESERVATIONS

ST	N NCITA	UMRER:	724285		IAN NET		KENBACKE	R ANGE	08		PERTOD MONTH:	_	CORD: HOURS:	-
001	ILING	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	41 0 1 0 1 1 1	TV TAL	STATUTE	MTIES	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •
	ILI VO	G.E	5E	GE	GF	35	GE	GE	GE	GE	SF	GΕ	SE	GE
	EFT	7	5	5	4	3	2 1/2	2	1 1/2		1	3/4	5/8	1/2
													,,,	
							• • • • • • • • •							
СИ	CEIL	34.6	34.3	34.8	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.
GE	20000	39.5	39.4	39.3	40.2	40.2	40.2	40.2	40.2	40.2	40.2	43.2	40.2	43.
r,=	13000	40.1	47.3	40.3	40.5	40.8	40.5	40.8	40.8	40.8	40.2	40.4	40.8	40.
GE	16000	42.1	4:) • 3	40.3	40.3	40.3	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.
GE	14000	40.9	41.1	41.1	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.
ĞE	12000	41.3	42.0	42.0	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.
GE	10000	45.9	46.5	46.6	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.
SE	9000	46.2	41,00	45.7	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	
GE	8000	49.6	50.5	50.5	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	-
GE	7000	50.5	51.6	51.8	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5		
ĢΕ	5000	51.2	52.4	52.6	53.2	53.2	53.3	53.3	53.3	53.3	53.4	53.4	53.4	
GE	5000	52.3	53.7	53.9	54.7	54.7	54.8	54.8	54.3	54.8	54.9	54.9	- · · ·	
35	4500	5	54.3	56.5	57.4	57.4	57.5	57.5	57.5	57.5	57.6	57.6	57.5	
J.E	4000	59.7	50.0	61.2	52.3	52.4	62.5	52.5	52.5	52.5	<u> 42.4</u>	62.5	52.5	
35	3500	63.3	55.1	65.6	56.9	57.0	67.1	57.1	57.1	67.1	67.2	67.2	67.2	67.
υE	3000	53 . 4	70.2	70.9	72.2	72.7	72.9	72.9	72.7	72.9	73.0	73.0	73.0	73.
jĒ	2500	75.3	76.1	75.9	13.3	79.5	30.0	2.03	30.3	50.3	80.4	80.4	30.4	80.
ÇE	2,330	76.7	71.2	39.3	32.5	83.7	84.1	A4.4	२4 • 5	34.5	84.7	94.0	94.3	44.
ζF	1400	75.7	79.2	30.3	33.0	84.1	34.5	84.9	94.9	35.1	95.2	85.3	95.3	25.
SE	1500	73.4	32.5	84.0	86.3	33.2	88.7	89.5	39.7	39.3	37.9	90.0	90.0	an.
GΕ	1200	79.8	34.3	a5.9	ತಿನ∙9	90.8	91.4	92.4	92.7	92.8	92.9	93.0	93.0	93.
J.E	1000	30.3	33.2	3 7. €	90.4	∌2.7	93.3	94.4	94.8	94.9	95.1	95.2	95.2	75.
G.F.	903	30.3	35.4	57.2	^1•1	93.9	94.6	95.3	96.2	95.3	95.5	96.6	95.6	95.
ĢĘ	300	80.4	25.3	27.7	91.5	94.9	95.5	97.1	97.6	97.7	97.8	98.0	99.0	99.
G≡	700	80.4	75.4	87.A	71.3	95.4	96.5	97.7	93.3	98.4	98.5	98.6	98.5	98.
GE	500	30.4	35.9	87.3	91.8	95.4	96.5	98 • 1	98.6	99.7	98.9	99.0	99.0	99.
GE	500	43.4	15.9	8 7. 3	91. <i>8</i>	95.4	96.5	93.1	90.7	98.8	99.1	99.2	99.2	99.
J.E.	400	A . 4	নদ্∙া	27.3	71.3	75.4	96.8	93.4	33.5	99.4	99.7	99.8	99.8	99.
3.5	300	90.4	45.9	37.3	91.3	95.4	96.3	93.5	99.4	99.5	99.8	99.9	99.9	100.
ĢE	200	32.4	35.9	27.3	91.3	95.4	96.B	98.5	99.4	99.5	99.8	99.9	99.9	
GE	100	30.4	35 .9	37.3	91.8	95.4	96.8	98.5	99.4	99.5	99.8	99•9	99.9	100.
3= •••	202	90.4	34 . 9	87.3	91.3	95.4	95.3	93.5	29.4	99.5	ગવ.ન	79.7	49.9	100.

TOTAL NUMBER OF JOSERVATIONS 930

FEA	DN NA D UTO	ME: RTC : + 5					MONTH:	MAR	HOURS:		FEB 88		
, •••4	• • • •	• • • • • • •			STATUTE		• • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••	•••••	• • • • • •	•••••
	n.F	35	GE	GE	GE	65	GF	SE	GE	GE	GE	GE	GE
1.7	4	3	2 1/2	2		1 1/4	1	3/4	5/9	1/2	3/8	1/4	0
	k · · · ·	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	••••
3 5	55.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
	2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
4.	•	49.B	40.3	40.9	49.3	47.8	40.P	40.4	40.8	40.8	40.3	40.8	40.8
	9.3	40.9	40.8	40.3	40.8	40.9	40.8	40.8	40.9	40.9	40.8	40.8	40.8
	-1.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
72	-1.5	42.5	42.5	42.5	4245	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
4.7	.7.1	47.1	47.2	47.2	47.5	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
	1.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
	1.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
4	3 • 4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
50	3.2	53.2	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4
54	7	54.7	54.3	54.8	54.3	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9
$\{s_{ij}\}$	7. +	57.4	57.5	57.5	57.5	57.5	57.6	57.4	57.6	57.6	57.5	57.5	57.6
4,5	13.3	52.4	52.5	52.5	62.5	52.5	52.5	52.5	52.5	62.5	62.6	62.6	62.5
	h 15 . 3	57.0	67.1	67.1	57.1	67.1	67.2	67.2	67.2	57.2	57.2	67.2	67.2
73	73.2	72.7	72.9	72.9	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
٠,	1	79.5	33.0	80.2	30.3	50.3	80.4	30.4	30.4	30.4	80.4	80.4	30.4
	' •)	23.7	84.1	44.4	84.5	34.5	94.7	94.2	34.3	84.5	84.3	24 . 9	84.9
		94.1	34.5	94.9	94.9	35.1	85.2	85.3	95.3	25.3	35.3	85.3	85.3
		33.2	88.7	89.5	ત્ર≎.7	30.3	33.9	90.0	90.0	90.0	90.0	90.0	90.0
- ₹ ડ ફ	, .	30.3	91.4	92.4	92.7	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1
35.		12.7	93.3	24.4	94 . S	74.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3
	1.1	93.9	94.6	95.3	76.2	95.3	95.5	96.6	36.6	95.7	96.7	95.7	95.7
90.	11.5	94.9	95.4	97.1	97.6	97.7	97.4	98.0	99.0	99.1	98.1	93.1	9월·1
324		95.4	96.5	97.7	99.3	98.4	98.5	98.6	98.6	98.7	99.7	98.7	98.7
99.	1.	95.4	96.5	98 • 1	98.6	98.7	98.9	99.0	99.0	99.1	99•1	99.1	99.1
	, i	93.4	96.5	93.1	90.7	93.8	99.1	99.2	99.2	99.4	99.4	99.4	39.4
-30 e	1.3	25.4	96.8	37.4	39.2	30.4	99.7	99.8	99.8	99.9	99.9	99.4	99.9
too.d	-1.3	≯5.4	96.3	93.5	99.4	39.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
	14.00	99.4	95.A	93.5	99.4	99.5	99.3	99.9	99.9	100.0	100.0	100.0	100.0
100.	:i•"	₹5.4	95.8	98.5	99.4	99.5	99.8	99•9	99.9	100.0	100.0	100.0	100.0
ເ າ ົ.	1.1	95. 4	95.8	93.5	77.4	99.5	99.4	29.9	99.9	100.0	100.0	100.0	100.0
••••	· · • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •

OPERATING LUCATION MAN USAFFIAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS V FROM HOUPLY DBSERVATIONS

STA	NOITA	สมพ <i>ลิธ</i> ์ ร เ	724285	LST	יטוט פו	+ 5	KENBACKE				PERIOD MONTH:	MAR	หวบสระ
CET	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		118131L1				• • • • • •	• • • • •	• • • • • • •
	. A	GE	3.	SF	GF	GF.	GE.	68 - 68	36	GE GE	G≓	SE	G≟
-	ĒΤ	7	4	5	4	3	2 1/2	2			1	3/4	5/a
			• • • • • • • •										
NO	CHIL	36.9	37.5	3მ∙0	33.0	33.3	39.3	36.4	36.4	33.4	38.4	33.4	34.4
o c	20000	47.3	41.4	42.0	42.0	42.4	42.4	42.5	42.5	42.5	42.5	, a =	43.5
	13000	41.9	41.5	42.2	42.2	42.5	42.5	42.5	42.6	42.5	42.5 42.5	42.5	42.5 42.5
	15000	47.)	41.5	42.2	42.2	42.5	42.5	42.5	42.5	42.6	42.5	42.5	42.5
	14000	41.5	42.2	42.8	42•ਰ	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2
-	12000	41.3	42.5	43.1	43.1	43.4	43.4	43.5	43.5	43.5	43.5	+3.5	43.5
			- • .						, , ,	,,,,	1317		.3.2
Ġξ	10000	44. 1	45.9	45.5	45.5	45.3	46.7	47.0	47.9	47.7	47.0	47.0	47.0
35	3333	45.4	45.6	47.1	47.1	47.4	47.4	47.5	47.5	47.5	47. ⁵	47.5	47.5
35	3000	49.2	20.3	51.8	51.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4
Sē	7000	50.3	51.5	52.9	52.9	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4
GE	5300	51.7	53.4	54+5	54.6	55.1	55.3	55.4	55.4	55.4	55.4	55.4	55.4
9.7	5000	E 7. 3	35.5	56.3	57.0	57.7	59.2	58.4	54.4	53.4	F∂.4	53.4	5 % • 4
ĢE	4531	57.1	59.4	50.5	45.9	61.6	52.0	62.3	62.3	42.3	52.3	52.3	52.3
SE.	4000	61.0	64.1	55.3	65.5	55.3	65.3	57.0	67.0	57.0	57.0	57.0	57.0
ĞΕ	3500	55.1	27.3	63.6	63.9	59.7	70.2	70.4	70.5	70.5	70.5	70.5	70.5
GΕ	2333	5 7. 3	23.9	71.4	71.~	72.7	73.2	73.5	73.7	73.7	73.7	73.7	73.7
3:	2500	71.7	74.4	76.5	77.4	17.0	70.7	20.1	30.3	30.3	°9.3	07.5	80.3
7,5	2000	74.6	77.6	30.4	≥1.7	33.3	24.1	24.3	35.3	35.4	0 R . 4	24.4	35.4
GE	1300	74.3	7 4 . 1	31.0	92.4	54.1	94.8	50.7	a5.1	35.2	95.3	95.3	35.3
51.	1590	75.7	77.7	33.4	35.2	37.1	37.8	39.0	89.5	89.5	89.7	39. ±	89.G
6 E	1230	76.3	30.5	34.5	35.6	34.3	39.7	91.1	91.6	91.7	91.∂	91.9	12.0
7.5	1222	75.	31.1	55 . 4	37.7	77.4	21.3	03.1	23.0	14.7	34.2	34,4	14.5
r, E	333	75.0	31.4	45.4	94.3	21.5	92.5	74.7	15.5	25. 7	25.9	25.1	95.2
Ç.F	377	75.0	31.5	75.9	35.5	32.9	93.1	95.3	25.0	95.2	95.5	96.7	95.3
J.E	700	75.9	31.5	35.0	めか・ラ	92.7	93.9	95.1	96.9	₹7.1	97.3	97.5	97.5
GE	500	75.7	41.5	36.1	39.1	93.0	94.2	95.5	97.3	97.5	97.3	93 .1	93.2
7.5	500	76.0	41.5	95•1	09.4	93.2	34.5	97.2	33.4	28.3	99.1	03.5	99.6
30	400	75.3	1.6	36.Î	4.4	13.2	04.5	97.2	75.4	19.4	အဝ ို့ ဦ	വര്ട	91.7
S E	300	75.9	91.5	35.1	99.4	93.2	94.5	97.2	98.4	98.4	99.2	99.6	34. a
GΕ	200	76.7	31.5	35.1	33.4	93.2	94.5	97.2	34.4	98.3	99.2	39.6	99.3
GΕ	100	75.4	31.5	36.1	39.4	93.2	94.5	97.2	98.4	93.3	99.2	99.5	99.3
35 •••) 00	70.0	~1.5	35.I	49.4	73.2	94.5	37.2	93.4	39°4	99.2	99.6	90 <u>,</u> a

TOTAL NUMBER OF DRSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY OF FROM HOURLY OBSERVATIONS

: 3T	CKENBACK	ER ANGB	Он		PERIOD OF RECORD: MAR 78 - FE8 88 MONTH: MAR HOURS: 18-20							
	ITPT2TV	TTV IN	STATUTE	MT1 EC	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	••••••	• • • • • •	
3:-	GE.	GE	GE	GE	GE	SE	GE	GE	GE	GE	GE	
	2 1/2		1 1/2		1	3/4	5/9	1/2	3/3	1/4	0	
, , , ,		• • • • • •	• • • • • • •			• • • • • •			• • • • • •		•••••	
33 .3	39.3	38.4	38.4	33.4	38.4	38.4	38.4	39.4	38.4	38.4	38.4	
+ ? • 4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	
42.5	42.5	42.5	42.6	42.5	42.6	42.5	42.5	42.5	42.6	42.6	42.5	
+2.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.5	42.6	
•3•1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	
.3.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	
۰5.9	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	
→7.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	
52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	
13.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	
· · · 1	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	
.7.7	53.2	53.4	59.4	53.4	58.4	59.4	58.4	58.4	58.4	58.5	58.5	
11.5	52.0	62.3	52.3	52.3	52.3	62.3	62.3	62.3	62.3	52.4	62.4	
55.3	66.3	57.0	67.0	57.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	
5 7 . 7	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	
72.7	73.2	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.9	73.8	
74.0	79.7	30.1	90.3	30.3	80.3	80.3	80.3	90.3	80.3	80.4	80.4	
+3.3	94.1	84.3	95.3	35.4	85.4	35.4	85.4	85.4	85.4	85.5	65.5	
54.1	84.8	85.7	85.1	36.2	86.3	86.3	86.3	85.3	85.3	86.5	86.5	
27 • 1	37.8	39.0	89.5	89.5	89.7	89.8	89.9	87.9	89.9	90.0	90.0	
. ≺ • કે	89.7	91.1	91.6	91.7	91.8	91.9	92.0	92.0	92.0	92.2	92.2	
13.4	21.3	93.1	93.0	94.0	94.2	94.4	94.5	94.5	94.5	94.6	94.5	
11.5	92.5	34.7	25.5	75.7	95.9	96.1	95.2	96.2	96.2	96.3	96.3	
72.0	93.1	95.3	95.0	95.2	95.5	96.7	96.8	95.8	95.8	96.9	96.9	
12.7	93.9	96.1	96.9	97.1	97.3	97.5	97.6	97.6	97.6	97.7	97.7	
13.0	94.2	96.6	97.3	97.6	97.3	98.1	98.2	98.2	98.2	98.3	98.3	
.3.2	74.5	97.2	93.4	98.3	99.1	09.5	99.6	99.7	99.7	99.8	99.8	
13.2	04.5	97.2	99.4	99.9	39.2	99.6	99.7	99.8	99.8	99.9	99.9	
13.2	94.5	97.2	98.4	98.8	99.2	99.6	99.3	99.9	99.9	100.0	100.0	
13.2	94.5	97.2	98.4	98.8	99.2	39.6	99.8	99.9	99.9	100.0	100.0	
13.2	34.5	97.2	98.4	93.8	99.2	99.6	99.8	99.9	99.9	100.0	100.0	
13.2	94.5	97.2	99.4	79.9	99.2	99.6	99.8	99.9	99.9	100.0	100.0	
				• • • • • • •								

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

CEILING VISIBILITY IN STATUTE MILES IN GF GF GE GF GE GF GF	
TN GF GF GE GF GE GE GF	
FEET 7 6 5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4	

NU CEIL 38.7 39.1 39.5 40.1 40.9 40.9 40.9 40.9 40.9 40.9	• • • • • • • • • • • • • • • • • • • •
	9 40.9 40.4
GE 20000 41.9 42.4 42.7 43.3 44.1 44.1 44.1 44.1 44.1 44.1 44.1	1 44.1 44.1
GF 19000 41.9 42.4 42.7 43.3 44.1 44.1 44.1 44.1 44.1 44.1 44.1	
SE 16000 41.9 42.4 42.7 43.3 44.1 44.1 44.1 44.1 44.1 44.1 44.1	
GF 14000 42.4 42.9 43.1 43.3 44.5 44.5 44.5 44.5 44.5 44.5 44.5	5 44.5 44.1
GE 12000 43.2 44.0 44.3 44.9 45.7 45.7 45.7 45.7 45.7 45.7 45.	7 45.7 45.
GE 10000 46.5 47.2 47.0 48.3 49.0 49.1 49.1 49.1 49.1 49.1 49.	1 49.1 49.1
SE 9000 45.6 47.3 47.7 48.4 49.1 49.2 49.2 49.2 49.2 49.2 49.	
35 8000 51.3 52.3 52.9 53.5 54.3 54.4 54.4 54.4 54.4 54.4	
GE 7000 53.4 54.4 55.1 55.7 56.5 56.6 56.5 56.6 56.6 56.6	·
GE 6000 54,3 55.3 55.9 56.6 57.3 57.4 57.4 57.4 57.4 57.4 57.4	
GE 5000 55.7 57.7 53.5 59.2 50.3 50.4 60.6 50.6 60.5 60.5	6 60.5 50.4
- 3F 4500 59.4 - 50.6 - 51.6 - 62.5 - 63.3 - 64.0 - 64.2 - 54.2 - 54.2 - 54.2 - 64.	
- GE 4000 63.4 54.8 55.9 66.9 63.1 68.3 68.5 69.5 53.5 58.5 68.	5 68.5 68.5
GF 3500 65.3 53.2 59.4 70.4 71.7 71.9 72.2 72.2 72.2 72.2 72.	2 72.2 72.1
GE 3000 68.6 70.8 72.2 73.5 75.1 75.3 75.6 75.6 75.6 75.6 75.6	6 75.6 75.6
GE 2500 72.2 74.4 76.5 78.1 30.2 30.5 51.1 31.1 81.1 81.2 31.	
<u>95 2000 74.5 77.0 79.1 81.0 83.9 84.3 85.4 85.5 85.7 85.</u>	
- 95 1900 75.3 77.7 79.9 81.7 84.6 85.1 85.1 86.2 86.2 86.5 86.	
- 05 1500 77.2 77.8 32.3 84.3 37.6 89.1 89.1 89.5 89.5 89.7 89.	· ·
GE 1200 77.5 BO.6 93.4 B5.6 B9.4 B9.9 91.3 91.7 91.7 91.9 91.	91.9 92.0
GE 1000 77.5 81.0 84.1 85.8 90.8 91.4 93.2 93.7 93.7 93.9 93.	9 93.9 94.6
65 900 77.8 31.5 34.5 87.5 31.7 92.6 94.8 95.3 95.3 35.5 95.	5 95.5 95.4
SÉ 800 78.1 81.7 84.9 88.0 92.6 93.8 96.1 95.7 96.7 96.9 97.	·
95 700 79.1 81.7 35.4 38.5 93.4 94.7 97.1 97.8 98.0 98.2 98.	
GE 500 75.1 31.7 55.4 85.5 93.5 94.3 97.4 98.2 98.5 98.7 98.	
	•
GE 500 78.1 31.7 35.4 88.5 93.5 94.8 97.4 98.4 98.7 98.9 99.	
-GF 400 78.1 31.7 35.4 38.5 93.5 94.9 97.8 98.8 99.1 99.5 99.	•
- GF - 300 78.1 - 31.7 - 35.4 - 88.5 - 93.5 - 94.9 - 97.8 - 98.8 - 99.1 - 99.5 - 99.	
GE 200 73.1 31.7 85.4 88.5 93.5 94.9 97.8 98.8 99.1 99.5 99.	
GE 100 78.1 81.7 85.4 88.5 93.5 94.9 97.8 98.8 99.1 99.5 99.	6 99.7 99.!
GF 000 7°-1 91.7 35.4 35.5 93.5 94.9 97.8 98.8 99.1 99.5 99.	6 97.7 99.

TOTAL NUMBER OF OBSERVATIONS 930

		• • • • • •						HOURS: 3				
				STATUTE								
GE	GE	GΕ	SE	SE	GE	GE	GE	ĢΕ	GE	GE	GE	GE
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/3	1/4	0
• • • • •		• • • • • • • •										
0.1	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
3.3	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
3.3	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
3.3	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
3.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
4.9	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
8.3	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
3.4	49.1	49.2	47.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
3.5	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
5.7	55.5	56.6	56.6	56.6	55.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
6.6	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
₹. 2	50.3	50.4	63.6	50.5	60.6	60.5	60.6	60.5	50.6	60.6	60.8	60.8
2.5	63.3	64.0	54.2	54.2	54.2	54.2	54.2	64.2	64.2	54.2	54.3	54.3
5.7	63.1	58.3	63.5	69.5	59.5	69.5	68.5	68.5	68.5	68.5	68.6	68.6
0.4	71.7	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3
3.5	75.1	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7
5 . 1	30.2	30.5	31.1	81.1	81.1	81.2	91.2	81.2	81.2	81.2	31.3	81.3
1.7	33.9	84.3	35.4	25.5	35.5	85.7	85.7	35.7	35.7	35 .7	95.8	85.8
1.7	34.6	85.1	95.1	86.2	36.2	86.5	86.5	36.5	86.5	86.5	86.6	86.6
4.3	37.6	88.1	39.1	89.5	89.5	89.7	99.7	99.7	89.8	39.3	99.9	89.9
り・ か	39.4	89.9	91.3	91.7	91.7	91.9	91.9	91.9	92.0	92.0	92.2	92.2
5.3	93.5	91.4	93.2	93.7	93.7	93.9	93.9	93.9	94.0	94.0	94.1	94.1
7.5	91.7	92.5	94.8	25.3	95.3	25.5	95.5	95.5	95.6	95.5	95.7	95.7
8.0	92.5	93.8	96.1	96.7	96.7	95.9	97.0	97.0	97.1	97.1	97.2	97.2
4.5	93.4	94.7	97.1	97.8	98.3	98.2	98.3	98.3	98.4	98.4	98.5	98.5
5.5	93.5	94.3	97.4	98.2	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.0
14.5	93.5	94.8	97.4	98.4	98.7	98.9	99.0	99.1	99.2	99.4	99.5	99.5
13.5	93.5	94.9	97.8	28.9	99.1	99.5	99.5	99.7	99.3	99.9	100.0	100.0
18.5	93.5	94.9	97.8	98.8	99.1	99.5	99.6	99.7	99.8	99.9	100.0	100.0
14.5	93.5	94.9	97.3	98.8	99.1	99.5	99.6	99.7	99.8	99.9	100.0	100.0
34.5	93.5	94.9	97.8	98.9	99.1	99.5	99.6	99.7	99.8	99.9	100.0	100.0
14.5	93.5	94.9	97.3	98.9	99.1	99.5	99.6	99.7	99.5	99.9	100.0	100.0

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL! FROM HOURLY OBSERVATIONS

			724295	LST	TO UTC	+ 5	KENBACKE				MONTH:	MAR HO	ORD: M. URS: ALI	L
CEILIN		• • • • •	• • • • • • •	• • • • • •	• • • • • • •				STATUTE		• • • • • • •	• • • • • •	• • • • • • •	• • • • • •
IN	10	SE	65	GE	GE	SE	GE	SE	GE	SE	GE	GE	G¤	SE
FEET		7	, Š	5	4	3	2 1/2	2		1 1/4	ĩ	3/4	5/3	1/2
• • • • •														• • • • • •
NO CEI	L	36.3	35.9	37.6	38.2	38.9	39.0	39.2	39.2	39.3	39.3	39.3	39.3	39.4
SE 200	100	40.0	40.8	41.6	42.3	43.0	43.0	43.3	43.4	43.4	43.5	43.5	43.5	43.5
SE 130	• .	40.2	41.0	41.3	42.5	43.2	43.2	43.5	43.6	43.6	43.7	43.7	43.7	43.7
GE 160		40.2	41.0	41.8	42.5	43.2	43.2	43.5	43.6	43.6	43.7	43.7	43.7	43.7
GE 140		40.0	41.4	42.2	42.9	43.6	43.6	43.9	44.0	44.0	44.1	44.1	44.1	44.1
GE 120	-	41.6	42.4	43.3	43.9	44.6	44.7	44.9	45.0	45.1	45.1	45.1	45.1	45.2
SF 100	100	44.3	45.2	46.1	46.3	47.5	47.6	47.9	49.0	48.0	48.1	48.1	48.1	48.1
• •		44.5	45.5	45.4	47.1	47.9	47.9	43.2	48.3	48.3	44.4	48.4	48.4	48.4
		43.4	49.6	50.7	51.5	52.3	52.4	52.6	52.8	52.8	52.9	52.9	52.9	52.9
GE 70	-	50.1	51.4	52.5	53.4	54.2	54.2	54.5	54.6	54.7	54.7	54.7	54.7	54.8
		50.8	52.1	53.2	54.1	54.9	55.0	55.3	55.4	55.5	55.5	55.5	55.5	55.6
		•					67.0		50.4	62.4	50.5	-> -	50 5	58.5
		53.2	54.6	55.3	56.3	57.7	57.9	53.2	53.4	58.4 51.5	58.5 51.7	58.5 61.7	58.5 51.7	61.7
-		55.7 59.2	57.3	59.5	59.9	50.9	61.1 55.0	51.4 65.4	61.5 65.5	55.5	65.7	65.7	65.7	55.7
			50.8	42.3	53.7	64.8		63.8		69.0	69.1	69.1	69.1	59.1
		51.9	63.7	65.3	66.9 70.8	63.2 72.4	68.4 72.7	73.2	69.0 73.4	73.4	73.5	73.5	73.5	73.5
GE 30	UUU	65.2	67.2	69.1	10.0	12.4	1211	13.2	13.4	1304	13.7	13.5	13.7	1317
35 25	00	59.7	72.0	74.4	76.5	73.5	73.3	79.5	79.7	79.3	79.9	79.9	79.9	50.0
35 20	00	71.0	74.4	77.0	79.4	81.8	82.3	33.1	83.5	33.6	93.8	83.8	33.8	33.4
GE 18	00	72.2	74.9	77.6	80.0	82.4	83.0	83.9	84.2	84.3	84.5	84.5	84.5	84.6
GE 15	00	74.0	77.2	30.4	83.1	35.8	86.4	87.5	88.0	38.1	88.3	88.4	98.4	88.5
GE 12	00	75.2	78.H	42.3	85.3	88.3	89.0	90.3	91.1	91.2	91.4	91.5	91.5	91.5
GE 10	99	75.7	70.5	23.3	36.7	92.0	90.8	92.4	93.1	93.2	93.5	93.6	93.6	93.7
		76.1	20.1	33.9	87.5	91.1	92.1	93.3	94.6	94.9	95.0	95.1	95.2	95.3
		75.3	30.4	94.4	99.1	91.9	93.1	95.0	95.9	96.0	96.3	96.5	95.5	96.5
		76.4	80.5	84.6	88.5	92.6	93.8	95.9	96.8	96.9	97.3	97.4	97.5	97.6
	00	76.5	30.6	84.7	88.8	93.1	94.3	96.5	97.5	97.8	99.2	98.3	98.4	98.5
		•					04.4	0.4	0.7 .0		00.4	22 =	20.0	00.0
		76.5	20.5	44.7	98.8	93.1	94.4	96.7	97.9	98.1	98.6	98.8	98.9	99.0
	000	76.5	30.5	84.3	98.3	93.2	94.5	97.0	93.3	98.5	99.0	99.3	99.4	99.5
		76.5	90.6	94.8	88.9	93.2	94.5	97.0	98.3	98.5	99.1	99.4	99.5	99.7
		76.5	30.5	34.8	88.8	93.2	94.5	97.0	98.3	98.6	99.2	99.5	99.6	99.7
GE 1	.00	76.5	80.6	34.8	88.8	93.2	94.5	97.0	98.3	98.6	99.2	99.5	99.6	99.7
95 O	100	76.5	80.5	44.8	22.3	93.2	94.5	97.0	98.3	98.5	99.2	99.5	99.6	99.7
• • • • • •		• • • • •			• • • • • •						• • • • • • •	• • • • • •	• • • • • •	• • • • • •

TOTAL NUMBER OF DESERVATIONS 7440

ł

AN NCI OTU ET		KENBÄCKE	ER ANGB	אס			OF REC			FEB 88		
	• • • • • • • •	VISIBILI	TY THE		MILES	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••
G¥	SE	GE	GE	GE	GE	GE	GF	G⊏	GE	GE	GE	GE
, j	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/3	1/4	9
[• • • • • • •								• • • • • •		• • • • • •
•	_											
33.2	38.9	39.0	39.2	39.2	39.3	39.3	39.3	39.3	39.4	39.4	39.4	39.4
42.3	43.0	43.0	43.3	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5
42.5	43.2	43.2	43.5	43.6	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.9
42.5	43.2	43.2	43.5	43.6	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.8
42.9	43.6	43.5	43.9	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.2
43.9	44.6	44.7	44.9	45.0	45.1	45.1	45.1	45 • 1	45.2	45.2	45.2	45.2
+6.3	47.5	47.6	47.9	49.0	48.0	48.1	48.1	48.1	48.1	43.1	48.1	48.1
47.1	47.9	47.9	43.2	48.3	48.3	48.4	48.4	48.4	48.4	43.4	43.4	48.4
51.5	52.3	52.4	52.6	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	53.0
53.4	54.2	54.2	54.5	54.6	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8
54.1	54.9	55.0	55.3	55.4	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6
35.3	57.7	57.9	53.2	53.4	58.4	58.5	58,5	58.5	58.5	59.5	55.5	58.6
79.9	50.9	61.1	61.4	61.5	51.5	51.7	61.7	61.7	61.7	51.7	61.7	61.8
53.7	64.8	55.0	65.4	65.5	55.5	65.7	65.7	65.7	65.7	65.7	65.8	65.8
55.9	65.2	68.4	63.8	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2
70.8	72.4	72.7	73.2	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.6
76.5	73.5	78.3	79.5	79.7	79.3	79.9	79.9	79.9	30.0	80.0	80.0	80.0
70.4	31.8	82.3	83.1	83.5	83.6	83.8	83.8	83.3	33.B	93.8	H3.9	83.9
-0.9	82.4	83.0	83.9	84.2	84.3	84.5	84.5	34.5	84.6	84.6	84.6	84.6
43.1	35.8	86.4	87.5	88.0	38.1	88.3	88.4	88.4	98.5	88.5	88.5	88.5
55.3	38.3	89.0	90.3	91.1	91.2	91.4	91.5	91.5	91.6	91.6	91.7	91.7
:6.7	99.0	90.3	92.4	93.1	93.2	93.5	93.6	93.6	93.7	93.7	93.8	93.8
₹7.5	91.1	92.1	93.3	34.6	94.5	95.0	95.1	95.2	95.3	95.3	95.3	95.3
33.1	91.9	93.1	95.0	95.9	96.0	96.3	96.5	96.5	96.6	96.6	96.7	96.7
35.5	92.6	93.8	95.9	96.8	96.9	97.3	97.4	97.5	97.6	97.6	97.7	97.7
∃3•H	93.1	94.3	96.5	97.5	97.8	93.2	98.3	98.4	98.5	98.5	98.6	98.6
5 2 , 3,	93.1	94.4	95.7	97.9	98.1	28.6	98.8	98.9	99.0	99.0	99.2	99.2
3 F. 3	73.2	94.5	97.0	93.3	98.5	99.0	99.3	99.4	99.5	99.5	99.7	99.7
49.9	93.2	94.5	97.0	98.3	98.5	99.1	99.4	99.5	99.7	99.7	99.9	99.9
80.3	93.2	94.5	97.0	98.3	98.6	99.2	99.5	99.6	99.7	99.8	99.9	100.0
ક ે. 8	93.2	94.5	97.0	98.3	98.6	99.2	99.5	99.6	99.7	99.8	99.9	100.0
7.2 . 3	93.2	94.5	97.0	98.3	98.5	99.2	99.5	99.6	99.7	99.3	99.9	100.0
•••••	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •

7440

OPERATING LOCATION "A" "

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL FROM HOURLY OBSERVATIONS

STATION	NUMBER:	724285	LST	TO UTC	: + 5	KENBACKE		ОН		PERIOD MONTH:		CORD:	MAR 78
CEILING	, • • • • • •	• • • • • • •	,	• • • • • • •		VISIBILI		CTATHTE	MILES	• • • • • • •	• • • • • •	• • • • • • •	••••••
IN	G F	35	GE	GF	GE	GE	GE .	STATUTE	GE	GE	GE	GĒ	SE
FEST	7	5°	5 5	9F 4	3	2 1/2	2		1 1/4		3/4	5/3	1/2
				7				1 1/2	T 1/ T		2/7	,,,	
••••••		•••••		,	,	,	•••••		,		•••••	•••••	••••
NO CEIL	45.8	40.9	47.4	47.7	47.8	47.8	48.0	48.0	48.0	48.0	48.0	45.0	49.0
GE 20000	9.1	50.6	51.2	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2
SE 18000		50.6	51.2	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2		
GE 15000		50.6	51.2	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2	-	
GE 14000		50.6	51.2	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2		
GE 12000	_	51.4	52.1	52.5	52.9	52.9	53.1	53.1	53.1	53.1	53.1		
GE 10000	53.7	55.1	55.0	55.2	55.5	55.5	55.8	56.3	55.3	55.8	56.8	55.3	55.8
GE 9000		54.7	57.3	57.3	53.1	58.1	54.3	58.3	58.3	58.3	58.3		
GE 8200		52.9	53.6	54.3	54.7	54.7	54.9	64.9	54.9	54.9	65.0		
SF 7001		54.0	54.7	65.4	65.3	65.3	65.0	55.0	66.0	66.0	65.1		
GE 6000		65.0	65.7	66.4	56.8	66.B	67.0	67.0	67.0	67.0	67.1		
		\	• • • • • • • • • • • • • • • • • • • •	· · ·			•.•.	*	•		~ · · · ·	• • • •	J
GE 5000	57.0	54.4	69.1	69.4	70.2	70.2	70.6	70.6	70.6	70.6	70.7	70.7	70.7
3F 4507	70.5	72.1	73.3	74.1	74.4	74.4	74.9	74.7	74.9	74.9	75.0	75.0	75.0
SE 4000	74.4	75.0	77.7	78.4	73.9	78.9	79.3	79.3	79.3	79.3	79.4	79.4	
GE 3500	76.3	79.0	90.0	30.9	91.3	31.4	91.9	91.9	31.9	81.9	82.0	82.0	
GE 3000	o 7a.s	30.5	92.9	83.7	34.1	84.2	84.7	84.7	84.7	84.7	84.8	84.8	3 34.8
													"
GE 2500	31.4	33.2	34.0	37.1	₫7.0	87.7	4d.2	88.2	39.2	88.2	ცმ. 3	8 88.3	99.2
GE 2000	3 84.0	85.0	39.4	90.7	91.2	91.3	92.0	32.0	92.0	92.0	92.1	92.1	
GE 1800	94.4	36.8	90.4	91.7	92.4	92.5	93.3	93.3	93.3	93.3	93.4	93.4	93.4
GE 1500	95.1	38.7	92.3	93.6	94.3	94.6	95.4	95.7	95.7	95.7	95.3	95.4	
GE 1200	95.5	89.1	93.0	94.2	95.0	95.3	95.2	96.4	96.4	96.4	96.6	96.6	95.€
SE 1900	36.9	39.4	93.3	94.7	95.4	95.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2
35 900		39.6	93.4	94.9	95.3	75.2	97.2	97.4	97.4	97.4	97.6		
65 a00		39.6	93.5	95.1	96.1	96.6	97.6	97.8	97.8	97.3	97.9		
GE 700		89.7	93.7	95.6	95.6	97.0	98.3	93.6	98.6	98.6	98.7		
GE 600		39.3	93.6	95.7	96.7	97.1	98.6	99.0	99.0	99.0	99.1		
-				•								•	· /
GE 500		39.3	93.9	95.8	96.8	97.2	98.7	99.1	99.2	99.3	99.4	99.4	99∙€
35 400	3 87.1	99.9	93.9	95.3	96.9	97.3	99.0	99.4	99.6	99.7	99.8	99.8	99.0
GE 300	87.1	99.8	93.9	95.9	96.9	97.3	99.0	99.4	99.5	99.7	99.8	99.8	99.4
GE 200	37.1	39.5	93.9	95.8	96.9	97.3	99.0	99.4	99.6	99.7	99.8	99.8	99.4
GE 100	37.1	89.3	93.9	95.3	96.9	97.3	99.0	99.4	99.6	99.7	99.8	99.8	99.4
SE 000	27.1	89.3	93.9	95.3	96.9	97.3	97.0	97.4	99.6	99.7	99.8	99.8	99.4

TOTAL NUMBER OF OBSERVATIONS 900

	IAM MET STU ET	_	KENBACKE		_		MONTH:		HOURS: (20-00			
	• • • • • •	• • • • • • • • • • • • • • • • • • • •	vtstatti		STATUTE		• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •		•••••
	GF	GE	GE	GE	GE	GE	GE	GE	G∈	GE	GE	GE	GE
	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	9
• • •	• • • • • •	• • • • • •	• • • • • • •						• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • •
				40.0			40.0		45.0	40.0	40.0		
•	47.7	47.8	41.8	48.0	43.0	48.0	48.0	48.0	45.0	49.0	48.0	48.0	48.1
	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
,	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
•	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
•	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
i	52.5	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2
		E. /	<i>5 ()</i>	6 4 10	5 (0	E ()	E4 0	E. 0	E 4 0	5 / D	e(a	e / 1	E4 0
	55.2	50.6	56.6	56.8	56.3	55.8	55.8	56.8	55•8	56.8	56.8	56.8	56.9
3	57.3	53.1	58.1	59.3	59.3	58.3	58.3	58.3	58.3	59.3	58.3	58.3	58.4
)	54.3	64.7	64.7	54.9	64.9	64.9	64.9	65.0	65.0	65.0	55.0	65.0	65.1
7	55.4	65.3	65.8	65.0	65.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.2
i	65.4	56.8	66.8	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.2
:	07.9	70.2	70.2	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.8
}	74.1	74.4	74.4	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.1
7	78.4	73.9	78.9	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.6
•	30.9	91.3	31.4	81.9	91.9	31.9	81.9	82.0	82.0	82.0	82.0	82.0	82.1
	83.7	34.1	84.2	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9
	3301	3.41					J.,	0.43	5	0.10	3 () ()	.,,,,,	3.47
.,	37.1	87.6	87.7	BB.2	88.2	39.2	88.2	88.3	33.3	88.3	88.3	88.3	88.4
	20.7	91.2	91.3	92.0	32.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.2
`	91.7	92,4	92.6	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.6
3	73.6	94.3	94.6	95.4	95.7	95.7	95.7	95.8	95.A	95.8	95.8	95.8	95.9
J	94.2	95.0	95.3	95.2	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.7
	07. 3	25 /	05.0	04 0	07 1	07.1	07.1	0.72	07 3	07 2	07.2	97.2	97.3
₩.	94.7	95.4	95.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2		
•	74.7	95.8	96.2	97.2	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.7
's -	95.1	96.1	96.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0
	95.6	95.6	97.0	98.3	98.6	98.6	98.6	98.7	98.7	99.7	98.7	98.7	98.8
5	95 .7	96.7	97.1	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2
,	95.3	96.8	97.2	98.7	99.1	99.2	99.3	99.4	99.4	99.6	99.6	99.0	99.7
1	75.3	95.9	97.3	99.0	99.4	99.6	99.7	99.8	99.3	99.9	99.9	99.9	100.0
	95.3	96.9	97.3	99.0	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
	95.8	96.9	97.3	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0
1	95.3	96.9	97.3	99.0	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
7	95.3	96.9	97.3	97.0	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
• • •					• • • • • • •	• • • • • •		• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	

OPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS

ST	ATEON N	IUMBER:	724285	LST	TO UTC	+ 5	KENBÄCKE	R ANGB			PERIOD MONTH:	APR	HOURS: 03
	ILING	• • • • • •	• • • • • • • • •	• • • • • •	• • • • • •			TV TH			• • • • • • •	• • • • • •	• • • • • • • • •
	IV	GE	GE	GE.	G =	GE	AIZIBILI		_	_	66	٠.	c =
	1.7 CF. T	7	6 6	9 ti	6÷ 4	3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE	GE 3/4	GE 5/3
		•	0				2 1/2	ζ,	1 1/2	1 1/4	1	3/ 4	7/7
••	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • •
NO	CEIL	45.6	46.0	47.4	48.0	48.6	48.9	48.9	49.1	49.1	49.1	49.1	49.1
GF	20000	48.0	48.4	49.3	50.4	51.1	51.4	51.4	51.7	51.7	51.7	51.7	51.7
35	13000	43.0	48.4	49.9	50.4	51.1	51.4	51.4	51.7	51.7	51.7	51.7	51.7
GE	16000	49.0	48.4	49.9	50.4	51.1	51.4	51.4	51.7	51.7	51.7	51.7	51.7
GE	14000	49.3	48.3	50.2	50.8	51.4	51.8	51.8	52.0	52.0	52.0	52.0	52.0
GE	12000	49.3	49.8	51.2	51.8	52.4	52.8	52.8	53.0	53.0	53.0	53.0	53.0
					-								
-	10000	53.0	53.6	55.0	55.6	56.2	56.6	56.6	56.8	56.9	56.A	56.8	56∙Ց
SE	9000	54.4	55.0	55.4	57.0	57.7	58.0	59.0	58.2	58.2	58.2	58.2	58.2
GE	8000	59.0	53.6	60.2	60.9	61.8	62.1	62.2	62.4	62.4	62.4	62.6	62.6
GE	7000	50.0	60.8	62.4	63.2	64.2	64.6	64.7	54.9	64.9	64.9	65.0	65.0
GE	5000	61.4	52.2	63.9	64.8	65.9	56.2	66.3	66.6	66.5	66.5	66.7	66.7
GE	5000	63.9	54.7	56.5	67.6	63.8	59.1	59.5	59.8	59.8	59 . 8	59.3	69.9
GE	4500	67.1	57.9	70.0	71.0	72.2	72.7	73.1	73.3	73.3	73.3	73.4	73.4
SE	4000	70.4	71.2	73.5	74.7	76.3	76.8	77.2	77.4	77.4	77.4	77.6	77.6
GE	3500	72.4	73.4	75.8	77.0	78.8	79.2	79.9	30.1	80.1	80.1	30.2	80.2
GE	3000	75.1	76.2	78.6	30.0	81.3	32.2	82.9	33.1	83.1	83.1	83.2	83.2
G.E	2500	77.5	73.0	21.7	A 3 . 3	35.3	35.8	85.5	36.8	36.3	46.8	36.9	85.9
ĢE	2000	79.4	30.9	34.0	°5.3	33.1	88.7	39.6	89.8	30.3	4 3. 8	89.0	39.9
GE	1800	79.7	81.1	84.2	86.0	38.3	88.9	89.8	90.0	90.0	90.0	90.1	90.1
GE	1500	30.4	32.6	86.0	37.9	90.4	91.0	91.9	92.1	92.1	92.1	92.2	92.2
GE	1200	82.0	34.1	88.0	90.4	93.0	93.7	94.6	94.9	94.9	94.9	95.0	95.0
٥.	1200	32.0	3401	00.0	7014	7,300	7347	77.0	7747	74.7	7767	73.0	90•U
SE	1000	82.3	34.7	38.9	91.2	93.9	94.6	95.6	95.0	96.0	95.0	95.1	95.2
GE	900	82.3	34.7	99.3	91.2	93.9	94.8	95.8	76.2	96.2	95.2	96.3	96.4
GE	800	82.7	95.1	89.2	91.7	94.3	95.2	96.2	96.7	96.7	26.7	96.9	96.9
GE	700	83.0	85.4	90.1	92.6	95.3	96.2	97.4	97.9	97.9	97.9	98.0	98.1
GE	600	33.0	35.4	90.1	92.6	95.7	96.6	97.8	98.2	98.2	98.2	98.3	98.4
													-
35	500	83.0	35.4	90.1	92.5	95.9	95.7	97.9	99.3	98.3	98.4	98.5	98.7
GE	400	83.0	95.4	90.1	92.5	95.9	96.7	97.9	93.4	98.5	98.8	98.9	99.0
GE	300	83.0	85.4	90.1	92.5	95.8	96.7	97.9	98.6	98.7	98.9	99.0	99.1
GE	200	83.0	95.4	90.1	92.6	95.8	96.7	97.9	98.6	98.7	98.9	99.0	99.1
GE	100	83.0	95.4	90.1	92.6	95.8	96.7	97.9	98.6	98.7	98.9	99.0	99.1
SE	220	83.0	95.4	90.1	92.5	95.8	96.7	97.9	98.5	98.7	98.9	99.0	99.1
• • •	• • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • •	• • • • • • • • •

TOTAL NUMBER OF OBSERVATIONS 900

	F: 4		ENB.	ACKE!	RANG	9 OH		PERIOD HONTH:		ORD: MA HOURS: (FFB 88		
Ľ		,						HUNTH	#FN	******	,,-u, 	. <i></i>		
		٧	ISI	BILI	TY IN	STATUTE	MILES							
ľ	;		Ç	E	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	3	3	2	1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/8	1/4	0
• • •	• • • •	• • •	• • •	• • • •	• • • • •	• • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •
	49.	. 6	48	. 9	48.9	49.1	49.1	49.1	49.1	49.1	49.3	49.3	49.4	49.6
		_		•										
,	51.		51		51.4	51.7	51.7	51.7	51.7	51.7	51.9	51.9	52.0	52.1
·	51.		51		51.4	51.7	51.7	51.7	51.7	51.7	51.9	51.9	52.0	52.1
ŀ	51.		51		51.4	51.7	51.7	51.7	51.7	51.7	51.9	51.9	52.0	52.1
ľ	51.		51		51.8	52.0	52.0	52.0	52.0	52.0	52.2	52.2	52.3	52.4
	52.	4	52	• 8	52.8	53.0	53.0	53.0	53.0	53.0	53.2	53.2	53.3	53.4
	55.	2	55	• 6	55.5	56.8	56.9	56.A	56.8	56.8	57.0	57.0	57.1	57.2
:	57.		58	. 0	59.0	58.2	58.2	58.2	58 • 2	53.2	58.4	58.4	58.5	58.7
l ş	51.	3	62	• 1	62.2	62.4	62.4	62.4	62.6	62.6	62.8	62.8	62.9	63.0
	54.		54		64.7	54.9	64.9	64.9	65.0	65.0	65.2	65.2	65.3	55.4
	65.	4	56	• 2	65.3	66.6	65.5	66.5	56.7	66.7	65.9	66.9	67.0	67.1
	63.	2	59	. 1	53.5	59.8	59.Ą	59.3	59.9	69.9	70.1	70.1	70.2	70.3
.)	72.	2	72	. 7	73.1	73.3	73.3	73.3	73.4	73.4	73.7	73.7	73.9	73.9
<i>;</i>	75.	3	76	• 8	77.2	77.4	77.4	77.4	77.6	77.6	77.8	77.8	77.9	78.0
Ţ.	73.		77		79.9		80.1	83.1	30.2	80.2	80.4	30.4	80.6	80.7
2	31.	3	32	• 2	82.9	33.1	83.1	83.1	83.2	83.2	83.4	83.4	83.6	83.7
	45.	3	35	. 3	۹5 . 5	36.8	36.8	46.8	36.9	36.9	87.1	37.1	97.2	87.3
	₹3.	1	48		89.6	37.8	30.3	વ ા મ	89.0	39.9	90.1	90.1	90.2	90.3
)	33.	. 3	88	• 9	89.8	90.0	90.0	90.0	90.1	90.1	90.3	90.3	90.4	90.6
	90.	4	91	• 0	91.9	92.1	92.1	92.1	92.2	92.2	92.4	92.4	92.6	92.7
	23.	J	93	. 7	94.6	94.9	94.9	94.9	95.0	95.0	95.2	95.2	95.3	95.4
,	73.	2	94.	. 5	95.5	95.0	96.0	95.0	95.1	95.2	95.4	95.4	96.6	96.7
	73.		94		95.3	26.2	96.2	95.2	96.3	96.4	95.7	96.7	96.8	96.9
7	94.	3	95	. 2	95.2	96.7	96.7	26.7	96.9	96.9	97.1	97.1	97.2	97.3
· .	95.	3	96	. 2	97.4	97.9	97.9	97.9	98.0	98.1	98.3	98.4	98.6	98.7
٠,	75.	7	96	• 6	97.8	98.2	98.2	98.2	98.3	98.4	98.7	98.8	98.9	99.0
	35.	ą	95.	. 7	97.9	99.3	98.3	28.4	98.5	98.7	98.9	99.0	99.1	99.2
	95		96		97.9	-	98.5	98.8	99.9	99.0	99.2	99.3	99.4	99.6
5	95.		95		97.9		98.7	98.9	99.0	99.1	99.3	99.4	99.6	99.7
	95.	8	96	• 7	97.9	98.6	98.7	98.9	99.0	99.1	99.4	99.6	99.7	99.8
	95.	ક	96	. 7	97.9	98.6	98.7	98.9	99.0	99.1	99.6	99.7	99.9	100.0
. '3	75.	P	96	. 7	97.9	98.5	98.7	28.9	99.0	99.1	99.5	99.7	99.9	100.0

OPERATING LOCATION MANUSAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VICEROM HOUPLY OBSERVATIONS

ST	ATION A	илмаек:		LST	סזט מזכ	+ 5	KENBACKE				PERIOO MONTH:	APR	HOURS: Or
CE.	ILING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		visiaili				• • • • • • •	• • • • • •	••••••
	IN	Çe	3=	38	G F	35	26 26	3E	DIMITORE.	GE	Ge	GE	G#
	. , 56 T	7	- 5	5	4	3	2 1/2	 ?		1 1/4	-	3/4	5/2
• •								••••					
МО	CEIL	34.1	35.2	39.7	41.1	43.0	43.3	44.1	44.3	44.3	44.7	45.0	45.0
GĒ	20000	37.7	40.3	44.0	45.4	47.3	47.7	43.4	48.7	43.7	49.2	49.3	49.3
ďĒ	19000	37.3	40.4	44.1	45.5	47.4	47.3	43.5	40.0	40.2	49.3	44.4	49.4
SE	16000	37.8	40.4	44.1	45.5	47.4	47.3	44.6	49.B	48.A	49.3	49.4	49.4
3E	14000	37.3	40.4	44.1	45.6	47.4	47.9	43.7	43.9	44.9	49.4	49.5	49.5
GE	12000	38.0	41.0	44.7	45.2	48.1	43.6	49.3	49.0	49.5	50.1	50.2	53.2
GE	10000	41.3	44.4	44.2	49.5	51.9	52.3	53.2	53.4	53.4	54.3	54.1	54.1
3F	9999	42.2	45.6	41.3	51.2	53.3	53.3	64.7	54.0	54.7	55.4	55.5	55.5
GF	9000	45,9	47.2	54.)	56.3	59.3	59.3	53.7	51.1	51.1	51.7	51.×	51.4
3¢	7000	45.0	51.7	55.2	58.5	51.0	51.7	63.0	53 .7	53.7	54.2	64.3	54.3
ĞΕ	6000	48.7	52.7	57.0	59.5	52.2	62.9	54.3	55.)	05.0	65.5	65.7	55.7
~ ~	5000	. 1	55.2	F ()		1 C 1		/ 3					
GE GE	4500	51.1 53.2		59.9	52.4	55.4	65.2	67.9	53.5	53.5	57.3	59.4	69.4
36	4000	55.7	57.4	62.4	55.2	63.3	59.5	71.2	71.9	71.7	72.7	72.4	72.4
ŋ.e	3500		50.4	55.3	59.4	73.1	73.9	75.6	76.2	75.2	77.1	77.2	77.2
يور ناق	3000	57.7	42.5	53.7	71.7	75.5	76.3	79.0	79.7	78.7	79.6	79.7	79.7
نون	3000	59.9	55.1	71.4	74.9	79.5	79.3	o1.0	31.7	81.7	82.7	32.5	32.3
G.E	2500	9.10	57.2	73.7	77.3	31.0	01.9	H3.6	34.2	84.2	85.2	25.3	35.3
ς. -	2000	53.7	57.1	76.1	79.4	33.3	34.7	85.7	37.3	47.3	au, a	24.4	낙광.4
d.	1800	54.1	59.3	76.3	40.7	84.6	85.4	37.4	સુવ.1	39.1	99.1	မရွှဲ့ခွ	39.2
ĢF	1500	54.4	7ን• ዓ	78.4	42.5	96.5	97.7	39.7	90.3	93.4	91.4	91.5	91.6
GE	1200	55 ad	71.∉	30.1	84.5	38.9	90.1	92.2	92.9	93.0	94.)	94.1	94.1
3E	1000	50.4	72.4	81.0	35.5	90.1	91.3	93.4	94.1	94.3	95.2	35.4	95.4
7,=	930	64.7	72.4	31.3	86.2	33.3	92.9	34.1	94.3	95.7	26.9	95.2	95.2
SE	900	66.7	72.9	31.3	36.3	91.3	92.5	94.8	95.7	95.3	96.9	97.1	97.1
SE	700	65.4	72.9	31.4	36.4	91.4	92.7	95.0	95.9	96.0	97.2	97.4	37.4
GE	600	55.9	73.0	31.6	86.6	91.6	92.8	95.1	96.0	96.1	97.3	97.5	97.5
GË	500	56.9	73.0	41.5	95.5	91.7	92.9	95.4	96.3	95.4	97.7	97.9	97.9
GF	400	66.0	73.0	81.5	86.6	01.7	92.9	95.6	95.4	95.6	93.0	98.2	98.2
GF	300	65.9	73.0	31.5	36.5	91.7	92.9	95.7	96.7	95.8	98.3	98.6	99.5
ĞE	200	65.9	73.0	d1.6	36.5	91.7	52.9	95.7	96.7	96.8	93.3	98.6	98.6
SE	100	55.9	73.0	81.6	86.6	91.7	92.9	95.7	96.7	95.8	98.3	98.6	93.6
35) 00	66.7	73.0	31.5	86.5	91.7	92.9	95.7	96.7	95.8	98.3		93.5

TOTAL NUMBER OF OBSERVATIONS 900

	AP NOTE		KENBACKE	R ANGS	04		PERIOD MONTH:	OF RECO	ORD: M. HOURS: (FER 88		
I	• • • • • •	• • • • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • •		• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
4	.j	35	ĢĘ	36	$\eta \in$	Gr	GE	GF	G=	36	Ģ⊭	GE	G€
7	4	3	2 1/2	5	1 1/2	1 1/4	1	3/4	5/3	1/2	3/9	1/4	9
.	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
. 7	41.1	43.0	43.3	44.1	44.3	44.3	44.9	45.0	45.0	45.0	45.1	45.1	45.4
	45.4	47.3	47.7	43.4	48.7	43.7	49.2	49.3	49.3	49.3	49.4	49.4	49.5
. l	45.5	47.4	47.3	43.5	44.9	40.9	49.3	49.4	49.4	47.4	49.6	49.6	49.9
. l	45.5	47.4	47.9	43.6	49.4	48.8	49.3	49.4	49.4	49.4	49.6	49.6	49.9
. 1	45.5	47.4	47.9	43.7	43.9	49.9	49.4	49.6	49.6	49.5	49.7	49.7	50.0
. 7	45.2	44.1	43.6	49.3	49.5	49.6	50.1	50.2	50.2	50.2	50.3	50.3	50.7
	49.A	51.4	52.3	53.2	53.4	53.4	54.)	54.1	54.1	54.1	54.2	54.2	54.5
. 1	51.2	53.3	53.3	£4.7	E4.0	54.9	55.4	55.5	55.6	55.5	55.7	55.7	55.0
. 1	65.3	39.3	59.3	63.7	51.1	51.1	61.7	61.H	51.8	61.8	61.9	51.9	62.2
,	53.5	51.0	51.7	53.0	63.7	53.7	54.2	54.3	54.3	64.3	54.4	54.4	64.9
	59.5	52.2	52.9	64.3	55.3	05.0	65.6	65.7	55.7	55.7	55.8	65.8	66.1
	٠, , , , , , ,	55.4	55.2	67.9	53.5	53.5	69.3	59.4	59.4	67.4	59.5	59.5	69.9
		63.0	59.5	71.2	71.9	71.7	72.7	72.4	72. A	72.3	72.9	72.3	73.2
	59.4	73.1	73.7	75.5	76.2	75.2	77.1	77.2	77.2	77.2	77.3	77.3	77.7
,	71.)	75.5	76.3	79.0	79.7	74.7	79.6	79.7	79.7	79.7	77.8	79.8	80.1
	74.9	73.5	79.3	d1.0	31.7	81.7	82.7	32.8	32.8	82.8	92.9	32.9	33.2
. /	77.5	31.)	41.9	43.5	44.2	84.2	95.2	∂5 . 3	35.3	35.3	45.4	35.4	35.5
. :	7	33.3	34.7	85.7	7.3	47.3	34,3	20,4	33.4	a a . 4	A 4 6	43.6	88.9
	29.7	34.5	95.4	37.4	29.1	38.1	99.1	ag 2	39.2	89.2	99.3	89.3	89.7
	~2.5	95.5	97.7	39.7	30.3	₹0.4	91.4	91.6	91.6	91.5	91.7	91.7	92.0
	34.5	33.9	90.1	92.2	92.9	93.0	94.)	94.1	94.1	94.2	94.3	94.3	94.7
	,n•6	90.1	71.3	73.4	94.1	94.2	95.2	75.4	35.4	95.6	95.7	25.7	96.0
	5.2	77.5	72.0	34.1	74.2	95.7	26.0	96.2	95.2	95.3	75.5	95.5	95.3
	45.3	91.3	92.5	04.9	75.7	35.3	25.9	27.1	97.1	97.2	97.4	97.4	97.9
	35.4	91.4	92.7	95.0	95.9	96.0	97.2	97.4	27.4	97.5	97.8	97.9	98.2
	36.6	91.5	92.8	95.1	96.0	95.1	97.3	97.5	97.5	97.7	97.9	98.0	98.3
	95.5	∌1.7	92.3	95.4	95.3	95.4	97.7	97.9	97.9	93.0	93.2	93.3	98.7
•	30.00 46.0	71.7	92.9	95.6	95.4	96.6	93.0	98.2	98.2	08.3	99.6	99.7	99.0
	45.5	71.7	92.9	95.7	95.7	96.9	98.3	98.6	99.5	98.7	99.0	99.0	99.4
	იი•ე ქბ•ე	91.7	92.9	95.7	96.7	96.8	93.3	98.6	98.6	93.7	99.1	99.6	100.0
	95.5	91.7	92.9	95.7	95.7	95.3	98.3	98.6	93.6	93.7	99.1	99.6	100.0
	46.5	71.7	92.9	95.7	95.7	95.3	99.3	99.6	93.5	93.7	99.1	99.6	100.0

90)

OPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIB FROM HOURLY DRSCRAFTIONS

ST	ATION N	имарк:	724285		TAM MOIT		KENBACKE	R ANGB	дн		PERIOD MONTH:		CA40: 7	
C:	ILING	• • • • • •	• • • • • • •		• • • • • •		VISIBILI				• • • • • •	• • • • • •	• • • • • • •	• • • •
	[*]	C #	i ,	35	GE		GE	SE	SE	GE	?;=	SE	9 5	ς,
	ĒF T	7	4,	5	4	3		2		1 1/4		3/4	5/3	1/
• •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • •
иO	CEIL	39.1	41.2	42.3	42.9	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43
	20000	44.1	45.6	47.3	45.3	43.4	45.7	44.3	49,3	4జ. 3	43.₫	4명.0	49.3	4 4
	13300	44.2	45.7	47.9	49.4	43.6	43.∃	43.9	43.9	43.9	43.7	43.0		4-3
	16000	44.2	45.7	47.3	48.4	43.6	48.8	43.9	40.9	48.9	48.9	48.9	40.0	43
	14000	44.5	47.0	42 ≥ 2	49.4	43.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	47
GE	15900	45.4	43.0	49.3	49.9	50.0	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50
ĢE	10000	4 2 . 1	30.7	52.1	52.7	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53
95	3330	40.0	52.0	54.7	55.3	55.4	55.7	55.4	55.9	55.9	55.0	55.9	55.9	ទូទូ
G.E	8000	53.5	57.2	59.2	59.9	60.0	60.2	50.4	50.4	50.4	50.4	50.4	60.4	50
ĆΘ	7000	55.3	50.4	52.4	53.2	53.3	53.6	63.8	63·3	63.8	63.3	63.3	63.B	5.3
G.E	50 JO	35.9	51.0	53.0	63.8	53.9	54.2	64.4	54.4	54.4	54.4	64.4	54.4	54
;=	engn	50.1	43.0	55.O	65.3	65.9	66.3	55.7	65.7	55.7	56.7	56.7	66.7	55
٦٢	4577	53.7	54.1	55.3	57.2	57.3	68.2	63.6	63.6	58.5	51.5	53.5	50.5	4.3
ζC	4000	51.3	55.7	54.4	59.5	57.3	71 • 2	71.7	71.7	71.7	71.7	71.7	71.7	71
Úс	3500	53.5	53.2	70.7	72.0	72.0	74.3	74.8	74.3	74.8	74.3	74.0	74.5	74
35	3000	09.3	71.4	74.6	75.5	76.5	74.1	78.6	73.5	73.5	75.5	73.5	73.5	7 ⅓
7.5	2577	40.3	77	77.	70.a	77.3	91.3	41.0	31.0	31.0	21.9	31.0	31.9	° 1
ďΕ	3000	77.2	77.5	40.7	92.4	33.5	a5.1	45.7	35.0	35.7	95.0	35.0	35.0	24,
30	1500	73.1	77,0	ન1.3	83.6	84.9	96.3	£7.2	37.2	37.2	27.2	97.2	87.2	47
) E	1500	74.4	'1.1	54.5	35.7	37.9	39 .7	90.5	90.0	90.7	90.7	90.8	90.3	90
38	1590	75.7	42.6	c 5 • ↔	შ ∂.7	10.7	92.7	93.3	93.3	93.9	94.1	94.2	94.2	94
Ģ	1000	74.	: 3 . 4	27.4	39.5	33.0	94.0	95.3	95.6	¥6.7	95.0	25.1	95.2	35
ζr	000	74.7	3.A	27.5	30.1	72.3	94.3	95.7	95.1	94 3	36.7	95.9	⇒7. 0	77
٦ŗ	3 (J.)	74.3	23.9	″⊬•)	70.7	73.0	95.2	95.5	97.0	77.2	97.5	97.3	98.0	94
GΞ	700	75.3	34.0	68.Z	90.9	33.3	95.6	95.9	97.4	97.7	93.3	99.3	93.4	93
S.E	2)9	75.3	44.)	35.4	91.0	93.7	95.1	97.4	98.0	98.3	96.7	99.0	99.1	3.3
35	600	74.3	14.0	ន នវិត្តភ្	91.0	23.7	96.2	97.6	90.3	73.7	79.1	99.4	34.5	0.7
î, E	473	74.3	34.0	48.2	₹1.3	93.4	96.3	97.7	99.4	, 3 <i>2</i> , 3	29.2	99,4	93.7	0.0
35	370	75.3	44.0	44.2	91.0	93.9	96.3	97.7	99.4	99.9	79.3	99.7	99.8	100
SE	200	75.3	24.0	68.2	91.0	93.8	76.3	97.7	36.4	93.9	99.3	99.7	99.8	100
SE	100	75.3	34 • 0	ಕಿತ∗೭	91.0	#3.B	96.3	97.7	93.4	98.9	99.3	99.7	99•ä	100
95	٠,٠	74.3	-4.0	39.2	01.0	93.3	96.3	27.7	१९.4	94.9	99.3	79.7	99.8	100

TOTAL NUMBER OF DRSIEVATIONS 900

• Commence of the Commence of

PERIOD OF RECORD: MAR 78 - FEB 88

H	to utc:	+ 5					HTMOM:			09-11			
• • •	• • • • • •	• • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • •	• • • • • •		• • • • • • •	•••••	• • • • • • •	•••••
	GE	SE	GE	GE.	GE	GE	GE	GE	GE	65	GE	GΕ	GE
• • •	4 • • • • • •	3 • • • • • •	2 1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/3	1/4	0
	42.9	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
	48.3	43.4	45.7	48.8	44.3	48.3	48.8	48.R	48.8	48.8	48.8	48.3	48.8
	49.4	43.6	48.3	43.9	43.9	43.9	49.7	48.9	48.9	48.9	48.9	48.9	48.9
	48.4	49.5	48.8	43.9	49.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
	48.8	43.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
	49.9	50.9	50.2	50.3	50.3	50.3	50.3	50.3		50.3	50.3	50.3	50.3
	52.7	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
	55.3	55.4	55.7	55.4	55.9	55.9	55.9	55.7	55.9	55.9	55.9	55.9	55.9
	59.3	60.0	60.2	60.4	50.4	50.4	50.4	50.4	60.4	60.4	50.4	60.4	60.4
	53.2	53.3	53.6	63.8	63.3	63.8	63.3	63.8	63.3	63.8	63.8	63.8	63.8
	53.8	53.9	54.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
	55.3	65.9	56.3	66.7	65.7	66.7	56.7	56.7	66.7	66.7	66.7	66.7	66.7
	57.2	57.3	58 • 2	63.6	53.5	6ª • 6	53.5	68.6	68.6	68 . 6	53.6	68.6	68.6
	50.5	57.7	71 • 2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
	72.0	72.8	74.3	74.8	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
	75.5	76.5	78.1	78.6	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.5	78.6
	78.8	77.3	91.3	91.9	31.9	81.9	81.9	91.9	_	81.9	81.9	81.9	81.9
	92.4	33.5	95.1	45.0	35.0	36.0	95.0	86.0		85.0	96.0	96.0	86.0
	83.5	84.9	86.3	A7.2	97.2	97.2	37.2	87•2	87.2	87.2	87.2	87.2	87.2
	35.7	37.9	39 .7	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
	38.7	90.7	92.7	93.3	93.3	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3
	39.8	92.0	94.0	95.3	95.6	95.7	96.0	96.1	96.2	96.3	95.3	96.3	96.3
	20.1	92.3	94.3	95.7	95.1	96.3	96.7	96.9		97.1	97.1	97.1	97.1
	23.7	93.0	95.2	95.5	97.0	97.2	97.6	97.9		99.1	98.1	98.1	98.1
	90.9	93.3	95.6	96.9	97.4	97.7	93.0	98.3	98.4	98.6	98.5	98.6	98.6
	91.0	93.7	95.1	97.4	98.0	98.3	98.7	99.0	99.1	99.2	99.2	99•2	99.2
	21.0	73.7	96.2	97.6	99.3	78.7	99.1	99.4	99.5	99.7	99.7	99.7	99.7
	31.0	93.9	96.3	97.7		98.3	39.2	99.6		99.9	99.9	99.9	99.9
	91.0	93.8	96.3	97.7	99.4	98.9	99.3	99.7		100.0	100.0	100.0	100.0
	91.0	93.8	96.3	97.7	98.4	93.9	99.3	99.7		100.0	100.0	100.0	100.0
	91.0	93.8	96.3	97.7	98.4	98.9	99.3	99.7	99.8	100.0	100.0	100.0	100.0
	01.0	93.3	95.3	97.7	99.4	28.9	99.3	99.7	99.8	100.0	100.0	100.0	100.0

900

TATION NAME: RICKENBACKER ANGB TH

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFETAC, ASHEVILLE NC FROM HOUPLY OBSERVATIONS

STA	N NEITH	IUMBER:	724285	LST	TO UTC	: + 5	KENBACKE				MONTH:	APR	CDRD: M HOURS:	
CCI	* * * * * * *		• • • • • • • •	• • • • • • • •	,				STATUTE		•••••	• • • • • • •	******	•••••
	ILING IN	GE	GE	GE	GE	GF.	GE	SE SE	STATULE	GE GE	GE	GE	GE	GF 🔍
	には EFT	7	6 F.	Ն Է 5	4	3	2 1/2	2		1 1/4		3/4	5/8	1/2
			7	•	4	,	2 1/2	۷.	1 1/2	1 1/7	1	3/ 4	2/3	1/2
• • •	• • • • • •	• • • • • •	• • • • • • • •		,	• • • • • • •	• • • • • • • •	• • • • • •	* * * * * * * * * *		• • • • • • •	• • • • • •		•••••
ИÔ	CEIL	33.9	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE	20000	46.5	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
	13700	45.7	47.4	47.5	47.5	47.6	47.5	47.6	47.6	47.6	47.6	47.5		47.5
	16000	45.7	47.4	47.6	47.6	47.6	47.6	47.5	47.6	47.5	47.6	47.6		47.6
	14000	46.7	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6		47.6
	12000	48.2	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3		49.3
-	•		*					•						ľ
GE	10000	50.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
ĠĒ	9000	51.3	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.5	53.6		53.6
GF	9000	54.7	56.3	56.5	56.5	56.5	56.5	56.5	56.5	55.5	56.5	56.5	56.5	55.5
GF	7000	56.3	53.5	58.7	58.7	58.7	58.7	59.7	58.7	58.7	58.7	58.7		58.7
GE	6000	57.5	59.3	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59 .7	59.7	59.7
	~						÷		•					ŀ
GE	5000	50.6	52.4	52.3	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
3E	4500	50.9	63.1	53.5	53.5	63.8	63.3	53.8	57.5	63.8	53.9	63. Q	63.8	63.8
ĢF	4000	62.6	65.1	56.0	66.0	65.3	66.3	66.5	56.5	66.5	55.5	66.5	66.5	65.5
GE	3500	67.7	70.2	71.3	71.4	71.9	71.9	72.2	72.2	72.2	72.2	72.2		72.2
GE	3000	72.5	75.1	76.2	75.3	76.8	76.8	77.2	77.2	77.2	77.2	77.2		77.2
		· -				• -								
GE	2500	77.6	30.3	31.4	31.5	32.4	32.4	83.0	83.0	83.0	83.0	33.0	83.0	83.0
GE	2000	82.5	35.9	37.2	97.4	33.2	88.2	88.9	33.9	38.9	83.9	88.9	88.9	83.9
GE	1800	83.5	97.0	98.3	88.5	89.3	89.3	90.0	90.0	90.0	90.0	90.0		90.0
C=	1500	35.5	89.2	90.3	91.2	92.1	92.1	93.0	93.0	93.0	93.0	93.1		93.1
GE	1200	87.7	91.3	93.4	94.5	95.9	95.9	96.8	96.8	96.8	96.3	96.9	97.0	97.0
				=			-	-		•	-			I
GĒ	1000	33.1	92.0	94.2	95.4	90.9	96.9	97.9	97.9	97.9	97.9	93.0	98.2	98.2
SE	900	39.3	92.2	94.4	95.8	97.4	97.4	99.4	99.4	99.4	98.4	98.6	95.8	98.8
GE	900	89.5	92.4	94.3	96.1	97.9	97.9	99.9	99.9	98.9	98.9	99.0	99.2	99.2
SE	700	88.5	92.4	94.9	96.1	93.0	98.0	99.0	99.0	99.0	99.0	99.1	99.3	99.3
GE	500	33.5	92.4	94.9	96.3	98.3	98.4	99.5	99.7	99.7	99.7	99.8	100.0	100.0
			- •	•										
GE	500	38.5	92.4	94.9	96.3	98.3	98.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0
S.F	400	88.5	92.4	94.9	96.3	93.3	98.4	99.5	99.7	99.7	99.7	99.8	100.0	100.0
SE	300	69.5	92.4	94.9	96.3	98.3	98.4	99.5	99.7	99.7	99.7	99.8	100.0	100.0
GE	200	33.5	92.4	94.9	96.3	98.3	93.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0
GE	100	88.5	92.4	94.9	96.3	98.3	98.4	99.6	99.7	99.7	99.7	99.3		100.0
_		-												
C, E	200	ध्व.पु	92.4	34.9	95.3	99.3	98.4	97.6	99.7	97.7	99.7	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

							MILES	STATUTE	TY IN S	VISTBILL		
GE		GE								SE	SF	
								1 1/2		2 1/2	3	4
39.	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.5
47.	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5			47.5	47.5
47.	47.5	47.5	47.5	47.6	47.5	47.6	47,6	47.6		_	47.6	47.5
47.	47.6	47.6	47.6	47.6	47.6	47.6	47.5	47.5	47.5	47.6	47.6	47.5
47.	47.6	•	47.6	47.6	47.6	47.6	47.6	47.6			47.6	47.6
49.	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
51.	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
53.	53.6	53.6	53.6	53.6	53.6	53.5	53.6	53.6	53.5	53.5	53.6	53.6
56	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	55.5	55.5	56.5	56.5
58.	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.7	59.7	58.7	59.7	58.7
59.	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.6
63.	53.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	53.0	53.0	53.0	62.4
63.	63.8	63.9	63.8	63.8	63.R	53.a	53.8	53.P	53.8	63.3	63.8	53.5
66.	56.5	66.5	65.5	66.5	66.5	56.5	66.5	56.5	65.5	66.3	66.3	55.0
72.	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	71.9	71.9	71.4
77.	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	76.8	76.3	75.3
83.	83.0	83.0	83.0	83.0	33.0	83.0	63.0	33.0	83.0	32.4	32.4	31.5
88.	88.9	88.9	83.9	88.9	88.9	83.9	38.9	33.9	83.9	9년 • 2	33.2	97.4
90.	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	89.3	89.3	93.5
93.	93.1	93.1	93.1	93•1	93.1	93.0	93.0	93.0	93.0	92.1	92.1	91.2
97.	97.0	97.0	97.0	97.0	96.9	95.3	96.8	96.8	96.8	95.9	95.9	94.5
98	98.2	98.2	98.2	98.2	93.0	97.3	97.9	97.9	97.9	96.9	90.9) 5.4
98.	98.8	98.8	98.8	93.8	98.6	99.4	98.4	33.4	93.4	97.4	97.4	15.3
99.	99.2	99.2	99.2	99.2	99.0	98.9	98.9	99.9	98.9	97.9	97.9	35.1
99	99.3	99.3	99.3	99.3	99.1	99.0	99.0	99.0	99.0	98.0	93.7	96.1
100.	100.0	100.0	100.0	100.0	99.8	99.7	99.7	99.7	99.5	98.4	98.3	96.3
100.	100.0	100.0	100.0	100.0	99.8	99.7	99.7	99.7	99.6	98.4	₹8.3	95.3
100.	100.0	100.0	100.0	100.0	99.8	99.7	99.7	99.7	99.5	98.4	93.3	96.3
100.	100.0	100.0	100.0	100.0	99.8	99.7	79.7	99.7	99.5	98.4	98.3	96.3
100.	100.0	100.0	100.0	100.0	99.8	99.7	99.7	99.7	99.6	93.4	98.3	96.3
100	100.0	100.0	100.0	100.0	99.8	79.7	99.7	99.7	99.6	98.4	98.3	96.3
100.	100.0	100.0	100.0	100.0	99.3	99.7	99.7	99.7	93.6	98.4	99.3	95.3

399

**OPERATING LOCATION "A" -- PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILI FROM HOURLY OBSERVATIONS USAFETAC, ASHEVILLE NO STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -STATION NUMBER: 724285 LST TO UTC: + 5 MONTH: APR HOURS: 15-17 CEILING VISIBILITY IN STATUTE MILES G= G.E. IN GE GE GE GE GE ςE FEET 6 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 37.3 37.9 37.9 NO CEIL 37.9 37.9 37.9 37.9 37.9 37.9 37.9 37.9 37.9 37.9 SE 20000 46.1 46.1 46.1 45.5 45.1 45.1 45.1 46.1 46.1 46.1 46.1 46.1 46.1 45.6 SE 18000 46.1 46.1 46.1 46.1 46.1 45.1 46.1 46.1 46.1 46.1 46.1 46.1 45.6 SE 16000 46.1 46.1 45.1 45.1 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46.1 GE 14000 45.9 46.4 46.4 46.4 46.4 46.4 46.4 46.4 46.4 46.4 46.4 46.4 46.4 GE 12000 47.3 47.9 47.9 47.9 47.9 47.9 47.9 47.9 47.9 47.9 47.9 47.9 47.9 50.8 10000 50.2 50.8 50.8 50.3 50.8 50.8 50.8 50.9 50.8 50.8 50.8 50.8 50.7 SE 9000 51.2 51.2 51.2 51.2 51.2 51.2 51.2 51.2 51.2 51.2 51.2 51.2 GE 53.9 54.7 8000 54.6 54.6 54.8 54.8 54.8 54.8 54.8 54.8 54.8 54.8 54.8 56.6 56.6 56.6 56.6 56.6 GE 7000 55.7 56.3 56.3 56.4 56.6 56.6 56.6 56.6 56.3 GE 6000 57.0 57.0 57.1 57.2 57.2 57.2 57.2 57.2 57.2 57.2 57.2 57.2 5000 59.3 35 50.0 50.2 60.3 60.6 60.6 60.6 50.5 60.6 60.6 60.5 50.6 60.6 54.1 54.6 64.6 GF 4500 62.3 63.7 54.0 54.3 64.6 64.6 54.6 64.6 64.6 64.5 GF 58.4 68.2 58.4 68.4 4000 65.9 57.4 57.3 57.9 63.4 58.4 68.4 58.4 68.4 GE 3500 70.6 72.1 72.4 72.7 73.0 73.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 3000 77.3 80.0 80.4 81.1 81.4 81.6 81.6 81.6 81.6 81.6 81.6 81.6 90.2 94.4 39.8 90.2 SE 2500 86.9 39.1 98.7 90.1 90.2 30.2 90.2 90.2 90.2 93.1 ĢĒ 2000 A7.5 21.0 92.5 94.3 94.7 94.8 94.8 94.8 94.8 94.8 94.8 94.8 GE 1900 87.7 91.1 92.7 93.3 94.6 94.9 95.0 95.0 95.0 95:0 95.0 95.0 95.0 94.6 97.0 1500 39.1 95.4 97.2 97.2 97.2 97.2 92.9 96.7 GE 97.2 97.2 97.2 1200 89.6 93.4 95.2 96.3 97.6 97.9 98.1 98.1 98.1 98.1 98.1 98.1 98.1 ĢE 1000 97.9 98.4 39.6 93.4 95.2 96.3 97.6 98.1 98.1 98.1 28.2 98.2 98.4 99.1 75.7 99.1 99.2 SE 900 89.7 93.6 96.9 93.1 98.7 99.1 99.2 99.4 99.4 99.3 99.3 99.3 99.4 99.4 99.7 93.7 95.8 98.2 98.8 SE 800 89.9 97.0 99.7 GE 700 89.8 93.7 95.8 97.0 98.2 99.3 99.3 99.4 99.4 99.7 99.7 98.8 99.3 95.9 99.6 GF 89.8 93.8 97.1 99.0 99.7 99.9 99.9 500 98.4 99.6 99.6 99.7 ga. A 99.6 99.6 99.7 SF 500 93.8 95.9 97.1 99.4 99.0 99.5 99.7 99.9 93.9 89.9 99.4 99.6 99.6 99.7 GΕ 400 23.8 95.9 97.1 99.0 99.6 99.7 99.9 99.9 GE 300 89.8 93.8 95.9 97.1 98.4 99.0 99.6 99.6 99.5 99.7 99.7 99.9 99.9 89.8 97.1 GE 93.8 95.9 98.4 99.0 99.6 200 99.6 99.6 99.7 99.7 99.9 99.9 100 99.6 99.6 99.9 69.8 93.8 95.9 97.1 98.4 99.0 99.6 99.7 99.7 99.9

TOTAL NUMBER OF OBSERVATIONS 900

93. R

95.9

97.1

98.4

99.0

99.5

39.3

200

GE

99.5

99.7

99.9

t

99.6

	ME: RIC : + 5	KENBACKE	R ANGB	OH		PERIOD MONTH:		ORD: M. HOURS: .		FE8 88		
••••		VISTBILI				• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •		•••••
36	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • • •	• • • • • •	• • • • • • •	_						• • • • • •	• • • • • •	•••••	
7.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
5.1	46.1	46.1	45.1	46 • 1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
5.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.I	46.1	46.1	46.1	46.1
5.1	45.1	46.1		45.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
5.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
7.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
3.3	50.8	50.8	50.8	50.8	50.9	50.9	50.8	50.8	50.8	50.8	50.8	50.8
1.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
4.7	54.8	54.8	54.8	54.8	54.B	54.8	54.8	54.8	54.8	54.8	54.8	54.8
5.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
7.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
`+3	60.6	60.6	50.6	60.5	50.6	50.5	60.6	60.6	60.6	60.6	60.5	60.6
4.1	54.3	64.5	54.6	64.6	64.6	54.5	64.6	64.6	64.6	64.6	54.6	64.6
7.7	58.2	58.4	68.4	58.4	68.4	63.4	68.4	58.4	68.4	58.4	68.4	68.4
2.7	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
0.4	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
7	39.8	90.1	90.2	90.2	20.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
9.1	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
3.3	34.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
4	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.3	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
3	97.6	97.9	98.1	98.1	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4
5.4	93.1	98.7	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4
7.0	98.2	98.8	99.3	99:3	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7
7.0	98.2	78.8	99.3	99.3	99.3	99.4	99.4	99.7	99.7	99.8	99.8	99.8
7.1	98.4	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0
7.1	99.4	99.0	99.5	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0
7.1	73.4	99.0	99.6	99.6	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0
7 - 1	99.4	99.0	99.6	99.6	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0
7 • I	98.4	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0
7 • 1	98.4	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0
7.1	93.4	99.0	99.5	99.6	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0
• • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •

0 = 2 + 33

5

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILI USAFETAC, ASHEVILLE NO FROM HOURLY DESERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -MONTH: APR LST TO UTC: + 5 HOURS: 18-20 CEILING VISIBILITY IN STATUTE MILES IN GE GE GE GE GE GE GE GE GF GF GE FEET - 6 5 4 - 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 NO CEIL 41.9 42.1 42.2 42.2 42.2 42.2 42.2 42.2 42.2 42.2 42.2 42.2 42.2 GE 20000 47.6 47.9 48.0 48.0 48.0 48.0 49.0 48.0 48.0 48.0 48.0 43.0 48.0 43.1 18300 47.7 48.0 48.1 48.1 GE 48.1 48.1 48.1 49.1 49.1 48.1 48.1 48.1 16000 47.7 48.0 49.1 48.1 48.1 48.1 49.1 48.1 48.1 48.1 48.1 48.1 48.1 GE 14000 49.1 48.4 48.5 48.6 48.6 48.6 48.6 48.6 48.6 48.6 48.6 48.6 48.6 GE 12000 50.3 50.7 50.8 50.8 50.8 50.8 50.8 50.8 50.8 50.8 50.8 50.8 GE 10000 54.1 53.8 54.2 54.2 54.2 54.2 54.2 54.2 54.2 54.2 54.2 54.2 54.2 SE 9000 54.5 54.9 55.0 55.0 55.0 55.0 55.0 55.0 55.0 55.0 55.0 55.0 55.0 8000 59.4 60.7 50.7 GE 60.6 60.7 60.7 60.7 60.7 60.7 50.7 60.7 60.7 60.7 GE 7000 61.7 62.9 63.0 63.0 63.0 63.0 63.0 63.0 63.0 63.0 63.0 63.0 63.0 GE 6000 62.1 63.7 63.4 63.7 63.7 63.7 63.7 63.7 63.7 63.7 63.7 63.7 63.7 GΕ 5000 65.1 56.9 67.2 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 SE 4500 68.3 70.3 70.8 71.0 71.2 71.3 71.3 71.3 71.3 71.3 71.3 71.3 71.3 ĢĒ 4000 71.7 74.0 74.7 75.0 75.3 75.4 75.4 75.4 75.4 75.4 75.6 75.6 75.6 3F 3500 76.1 78.7 79.7 30.0 80.6 80.7 80.7 30.7 80.7 80.7 80.8 80.8 90.8 GE 3000 30.0 83.1 84.2 84.7 85.4 85.6 85.7 85.7 85.7 85.7 85.8 85.8 85.8 99.3 2500 33.9 97.3 88.9 90.6 GE 91.2 91.2 90.7 91.1 91.1 91.1 91.1 91.2 SF 2000 85.4 99.7 92.1 92.5 73.9 94.1 94.7 94.8 74.9 94.9 95.0 95.0 95.0 90.8 92.3 92.8 94.1 95.0 GE 1800 86.6 94.3 94.9 95.1 95.1 95.2 95.2 95.2 GE 92.2 94.7 97.3 1500 87.6 93.9 96.1 96.3 97.0 97.1 97.2 97.4 97.4 97.4 94.0 GE 1200 87.7 92.3 94.8 96.4 96.7 97.4 97.6 97.7 97.8 97.9 97.9 97.9 GE 1000 37.9 92.6 94.2 95.1 96.9 97.1 97.9 98.0 98.2 98.3 98.1 98.3 98.3 94.5 CF 95.4 97.2 300 87.9 92.7 97.6 98.3 98.4 98.6 98.7 98.8 98.9 98.8 GE 94.6 97.6 09.3 800 87.9 92.7 95.8 97.9 98:9 99.0 99.1 99.2 99.3 99.3 SE 700 87.9 94.6 95.8 92.7 97.7 98.0 99.0 99.4 99.1 99.2 99.3 99.4 99.4

TOTAL NUMBER OF OBSERVATIONS 900

92.7

92.7

92.7

92.7

92.7

92.7

92.7

94.6

94.6

94.5

94.6

94.6

94.6

94.6

95.8

95.8

95.3

95.8

95.8

95.3

95.3

97.7

97.7

97.7

97.7

97.7

97.7

97.7

98.0

98.0

98.0

98.0

98.0

98.0

98.0

99.0

99.1

99.2

99.2

99.2

99.2

99.2

GE

GE

SE

GE

GE

GE

3=

600

500

400

300

200

100

000

97.9

87.9

97.7

87.9

87.9

87.9

87.9

١.

O--- 2--- 34--

99.1

99.2

99.3

99.3

99.3

99.3

99.3

99.2

99.3

99.4

99.4

99.4

99.4

99.4

99.3

99.4

99.6

99.6

99.6

99.6

99.6

99.4

99.6

99.7

99.7

99.7

99.7

99.7

99.4

99.6

99.7

99.7

99.7

99.7

99.7

99.4

99.6

99.7

99.7 99.7

99.7

99.7

NAME: RICKENBACKER ANGBOTH

	+ 5					MONTH:	APR	HOURS:	18-20			
•		VIS 181LI	TY IN		MILES	•••••					•••••	
	GE	GE	GE	GE	GE	GE	GE		GE	GE	GE	G€
	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	••••	• • • • • • • •	••••	• • • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	•••••
	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
	43.0	49.0	48.0	48.0	48.0	48.0	43.0	48.0	48.0	48.0	48.0	48.0
	43.1	48.1	43.1	49.1	48.1	49.1	48.1	48.1	48.1	45.1	48.1	48.1
	43.1	48.1	48.1	49.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
	60.7	60.7	53.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
	63.0	63.0	63.0	53.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
	57.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
	75.3	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6
	30.6	80.7	80.7	80.7	30.7	80.7	80.8	80.8	80.8	80.9	80.8	80.8
	35 .4	85.6	85.7	35.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
	90.6	20.7	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
	73.9	94.1	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
	94.1	94.3	94.9	95.0		95.1	95.2	95.2	95.2	95.2	95.2	95.2
	96.1	96.3	97.0	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
	96.4	96.7	97.4	97.6	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9
	35.9	97.1	97.9	98.0	98.1	98.2	98.3	93.3	98.3	98.3	98.3	98.3
	97.2	97.6	98.3	98.4	98.6	98.7	98.8	98.8	98.8	98.3	98.8	98.8
	97.6	97.9		99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
	77.7	98.0	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
	97.7	98.0	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.6	99.8	99.8
	97.7	98.0	99.1	99.2	99.3	99.4	99.6	99.6	99.6	99.7	99.9	99.9
	97.7	98.0	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.9	100.0	100.0
	97.7	98.0	99.2	99.3	99.4	99.6	99.7	99.7		99.8		100.0
	97.7	98.0	99.2	99.3	99.4	99.6	99.7	99.7		99.8	100.0	100.0
	97.7	98.0	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0
	97.7	98.0	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0

PERIOD OF RECORD: MAR "78" - "FEB" 88

0 = 2 = 34

1

27

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO FROM HOURLY DBSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGE OH PERIOD OF RECORD: MAR 79 MONTH: APR HOURS: 21-23 LST TO UTC: + 5 VISIBILITY IN STATUTE "MILES CEILING GE 2 GE 714 SE GE GE GE GE GE GE SE GE 5 7 1 1/2 1 1/4 1 3/4 FEET 6 4 3 2 1/2 5/8 1/2 NO CEIL 47.1 47.1 47.1 47.1 47.1 47.1 47.1 47.1 47.1 47.3 47.3 47. GE 20000 52.2 53.2 53.2 53.2 53.2 53.2 53.2 53.2 53.2 53.2 53.4 53.4 53.4 53.4 GE 13000 53.2 53.2 53.2 53.4 53.4 52.2 53.2 53.2 53.2 53.2 53.2 53.2 53.2 53.4 GE 16000 52.2 53.2 53.2 53.2 53.2 53.2 53.2 53.2 53.2 53.4 53.4 GE 14000 53.2 52.2 53.2 53.2 53.2 53.2 53.2 53.2 53.2 53.2 53.4 53.4 53.4 54.3 54.3 54.6 GE 12000 53.3 54.3 54.3 54.3 54.3 54.3 54.3 54.3 54.6 54.6 SE 10000 55.9 55.9 55.9 56.9 56.9 56.9 55.9 56.9 56.9 57.1 57.1 57.1 55.9 55.2 57.3 57.3 57.3 9000 57.3 57.3 57.3 57.3 57.6 57.0 GF 57.3 57.3 57.6 GE. 8000 51.5 63.2 63.3 53.3 63.3 63.3 63.3 53.3 63.3 63.3 63.6 63.6 63.6 7000 GE 63.3 55.0 65.1 65.1 65.1 65.1 65.1 55.1 65.1 65.1 65.3 65.3 65.3 66.4 GF 6000 64.4 66.1 66.2 66.2 66.2 66.2 56.2 66.2 66.2 66.2 56.4 66.4 68.3 GE 5000 70.4 70.6 70.6 70.7 70.7 70.7 70.7 70.7 70.7 70.9 70.9 70.4 ĢF 72.5 75.3 75.4 75.7 75.1 4500 75.1 75.4 75.4 75.4 75.4 75.4 75.7 74.9 75.6 78.4 79.0 79.2 79.2 79.2 GE 79.0 4000 78.9 79.0 79.0 78.1 79.0 79.0 79.2 3500 82.4 83.3 83.6 83.6 GE 32.1 82.9 33.1 93.2 83.3 83.3 83.3 83.6 GE 3000 31.9 85.4 86.7 86.7 86.9 86.9 86.5 85.0 85.1 36.4 86.6 86.7 86.7 99.9 35 2500 a7. a 39.3 29.2 39.8 90.2 90.2 30.2 90.6 90.6 99.6 84.3 90.3 SE 2000 95.7 39.3 90.2 91.3 92.1 92.4 93.1 93.1 93.1 93.2 93.4 93.4 93.6 92.3 GE 1800 85.3 39.6 91.5 92.7 93.3 93.3 93.3 93.7 93.1 90.4 93.4 93.7 93.8 96.0 96.1 96.3 96.3 GE 1500 87.2 91.3 92.6 94.9 95.2 96.0 96.0 96.3 1200 83.1 95.1 97.4 97.4 97.4 97.6 97.8 97.8 97.8 GE 26.2 92.3 93.8 96.6 SE 1000 83.1 72.4 23.9 95.3 95.6 96.9 97.8 97.8 97.8 97.9 98.1 93.1 93.1 89.1 99.1 GE 900 95.3 92.6 94.1 97.1 97.4 98.3 98.3 98.3 98.4 98.7 99.7 98.4 88.1 94.1 95.3 98.4 98.8 GE COR 97.1 97.4 99.4 98.6 98.8 98.5 22.6 GE 700 33.1 92.6 94.1 95,9 97.3 97.7 98.8 98.8 98.8 99.0 99.2 99.2 99.2 600 88.1 92.6 94.1 95.9 97.3 97.8 98.9 98.9 98.9 99.1 99.3 99.3 99.3 SE 500 95.9 99. 88.1 92.6 94.1 97.3 97.8 98.9 93.9 98.9 99.1 99.3 99.3 99.6 8ª • 1 99.1 SE 400 92.6 94.1 95.9 97.3 97.3 99.1 99.1 99.3 99.6 99.€ GE 89.1 95.9 300 92.5 94.1 97.3 97.8 99.3 99.3 99.3 99.6 99.8 99.8 99.8 GE 200 88.1 92.5 94.1 95.9 97.3 97.8 99.3 99.3 99.3 99.6 99.8 99.8 99.8 100 88.1 92.6 95.9 97.3 97.8 99.3 99.3 99.3 99.6 99.8 99.8 99.8 300 88.1 SE 92.6 94.1 95.9 99.3 97.3 97.8 99.3 99.3 99.6 99.8 99.9 99.5

TOTAL NUMBER OF OBSERVATIONS 900

C

٤

0 - 2 - 35

•••	1	VISIBILI	TY IN		MILES	•••••	• • • • • •					
-	G€	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
•	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • •
. 1	47.1	47.1	47.1	47.1	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.
. 2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.
2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.
2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.
2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.
3	54.3	54.3	54.3	54.3	54.3	54.3	54.6	54.6	54.6	54.6	54.6	54.
9	56.9	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.
3	57.3	57.3	57.3	57.3	57.3	57.3	57.6	57.6	57.6	57.6	57.6	57.
3	63.3	63.3	63.3	53.3	63.3	53.3	63.6	63.6	63.6	63.6	63.6	63.
1	65.1	65.1	65.1	65.1	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.
2	66.2	66.2	66.2	66.2	66.2	66 • 2	56.4	66.4	66.4	66.4	66.4	66.
5	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.
3	75.4	75.4	75.4	75.4	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.
9	79.0	79.0	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.
9	33.1	83.2	83.3	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.
l	36.4	86.6	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.
2	39.9	39.3	90.2	90.2	30.2	20.3	90.6	90.6	99.6	90.6	90.6	90.
3	92.1	92.4	93.1	93.1	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.
5	92.3	92.7	93.3	93.3	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.
۶,	94.9	95.2	96.0	96.0	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.
1	95.2	96.6	97.4	97.4	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.
3	96.6	96.9	97.8	97.8	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.
3	97.1	97.4	98.3	93.3	99.3	98.4	98.7	98.7	99.7	98.7	98.7	98.
3	97.1	97.4	98.4	93.4	93.4	98.6	98.8	98.8	98.8	98.8	98.8	98.
9	97.3	97.7	98.8	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.
9	97.3	97.8	98.9	98.9	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.
7	97.3	97.8	98.9	93.9	98.9	99.1	99.3	99.3	99.3	99.4	99.6	99.
•	97.3	97.3	99.1	99.1	99.1	99.3	99.6	99.6	99.6	99.7	99.8	99.
•	97.3	97.8	99.3	99.3	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.
9	97.3	97.8	99.3	99.3	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.
9	97.3	97.8	99.3	99.3	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.
.)	97.3	97.9	99.3	99.3	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.

1

PERCENTAGE PREQUENCY OF OCCURRENCE OF CETLING VERSUS ---- OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 724285 STATION NAMET RICKENBACKER ANGBOR PERIOD OF RECORD: MONTH: APR HOURS: A LST TO UTC: + 5 CEILING VISIBILITY IN STATUTE MILES GE GE GE GE GE CF TN GE GE 2 5 7 1 1/2 1 1/4 FEET 2 1/2 3/4 5/3 5 4 3 1 43.9 43.9 43.9 NU CEIL 42.1 43.0 43.3 43.5 43.7 41.2 GE 20000 46.4 47.5 48.5 48.8 49.2 49.3 49.5 49.5 49.5 49.6 49.6 49.6 47.5 47.3 49.5 49.5 49.6 49.7 49.7 SF 13000 45.4 48.5 48.9 49.4 49.6 49.5 49.3 49.4 GE 16000 45.4 47.6 48.9 49.6 49.6 49.5 49.7 49.7 49.5 49.7 49.8 49.9 49.9 GE 14000 46.5 47.8 48.7 49.1 49.5 49.6 49.8 49.8 51.1 GE 12000 50.0 50.3 50.7 50.8 51.0 51.0 51.0 51.1 51.1 47.7 49.0 53.0 54.0 53.4 54.1 54.2 54.3 54.3 GE 10000 50.8 52.1 53.3 54.2 54.2 54.3 55.2 GE 9000 51.9 53.4 54.4 55.3 55.5 55.6 55.5 55.6 55.7 55.7 GE 8000 57.9 59.0 59.6 60.2 60.4 60.5 50.5 60.6 60.7 60.7 56.1 60.1 61.1 SE 62.9 62.3 7000 59.0 50.0 51.7 62.5 52.7 52.7 62.3 62.2 62.4 6000 58.9 50.3 62.0 62.6 63.4 53.6 63.7 63.7 63.8 53.9 63.9 65.8 67.3 67.3 GE 5000 61.3 63.9 65.2 56.5 66.7 67.0 67.1 67.1 67.2 70.6 4500 55.7 70.0 70.5 70.6 70.5 59.2 68.9 70.4 70.5 SF 54.3 67.7 74.5 GF. 74.4 74.5 4000 74.3 74.3 67.2 59.8 71.6 72.5 73.4 73.7 74.1 GE 3500 70.5 73.2 75.1 76.1 77.1 78.0 78.1 78.1 78.2 78.3 79.3 77.5 77.0 79.1 81.8 GF 3000 74.0 80.2 31.3 82.3 82.4 82.5 82.6 62.6 92.4 2500 77.5 30.5 33.2 84.4 35.8 36.2 86.3 37.0 37.0 37.1 87.2 37.2 87.9 90.8 91.0 GE 2000 80.2 93.8 35.5 89.4 39.9 92.7 99.8 91.1 91.1 GE 1800 80.5 94.4 87.1 98.5 90.1 91.4 91.5 91.5 91.7 91.7 91.7 90.6 GE 94.2 94.3 96.1 94.0 94.0 94.3 93.3 1500 81.9 39.1 90.7 92.4 92.9 90.5 95.8 96.0 96.0 96.2 96.3 GE 1200 82.9 47.2 92.3 94.2 94.8 96.3 37.5 91.0 92.9 95.6 95.9 97.1 97.2 97.3 GE 1000 33.2 94.9 96.6 96.8 97.5 GE 900 83.3 27.7 91.2 93.3 35.3 96.1 97.1 97.4 97.4 97.8 97.9 91.4 95.7 GE 800 83.4 87.8 93.6 97.6 97.8 97.9 98.1 98.3 99.4 96.4 98.8 35 700 83.4 87.9 91.5 93.9 95.0 96.7 95.0 99.2 98.3 98.6 99.7 98.9 99.1 GE 600 83.5 38.0 91.6 93.9 96.2 97.0 98.2 98.6 98.6 99.0 98.3 99.1 99.2 99.3 GE 500 83.5 30.0 91.7 93.9 96.2 97.0 98.7 98.8 9.2 83.5 98.4 98.9 99.4 35 91.7 93.9 99.9 99.5 401 33.0 96.2 97.1 SE 83.5 88.0 91.7 93.9 98.9 99.0 99.3 99.5 99.5 300 96.2 97.1 98.5 91.7 96.2 200 83.5 38.0 93.9 97.1 98.5 98.9 99.0 99.3 99.5 99.6 GE 91.7 93.9 97.1 98.5 98.9 99.0 99.3 99.5 99.6 GE 100 83.5 38.0 96.2 91.7 GE 000 83.5 39.0 93.3 97.1 98.5 99.0 99.3

TOTAL NUMBER OF OBSERVATIONS 7199

Ĺ

1.

S

UTC:	+ 5	KENBACKE	R ANGB	Он.		MONTH:	APR HO	ORD: MI URS: ALI		FE8 88		
I	•••••	V151 3 1L1	TY TH	57∆THF F	MILES	• • • • • • •	• • • • • • • •		• • • • • •	• • • • • • •		• • • • • •
3r	GE	GE.	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1,	3	2 1/2	ž		1 1/4	ĩ	3/4	5/8	1/2	3/8	1/4	0
3				• • • • • • •		• • • • • •			• • • • • •			•••••
\$												
3.3	43.5	43.7	43.9	43.9	43.9	44.0	44.0	44.0	44.1	44.1	44.1	44.2
	49.2	49.3	49,5	49.5	49.5	49.6	49.6	49.6	49.7	49.7	49.7	49.8
5.7	47.3	49.4	49.5	49.6	49.5	49.6	49.7	49.7	49.7	49.7	49.7	49.8
7.9	49.3	49.4	49.5	49.6	49.6	49.5	49.7	49.7	49.7	49.7	49.7	49.8
.7.1	49.5	49.5	49,7	49.8	49.3	49.8	49.9	49.9	49.9	49.9	49.9	50.0
67.3	50.7	50.8	51.0	51.0	51.0	51.1	51.1	51.1	51.2	51.2	51.2	51.3
:3,4	53.3	54.0	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.4
··• • · · · · ·	55.2	55.3	55.5	55.6	55.5	55.6	55.7	55.7	55.7	55.7	55 .7	55.8
7.5	60.1	50.2	50.4	60.5	50.5	60.6	60.7	60.7	50.7	60.7	60.7	60.8
1.7	62.2	62.4	62.6	52.7	52.7	62.8	52.9	62.9	62.9	62.9	62.9	63.0
•5	63.2	63.4	53.6	63.7	63.7	63.8	53.9	63.9	63.9	63.9	63.9	64.0
. O • 2	55.5	66.7	67.0	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.4	67.4
: : .)	67.7	70.0	70.4	70.5	70.5	70.6	70.5	70.6	79.7	70.7	70.7	70.8
7.2.5	73.4	73.7	74.1	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.6
75 • 1	77.1	77.5	78.0	73.1	78.1	78.2	78.3	78.3	78.3	78.3	78.4	78.4
0.2	31.3	81.8	32.3	32.4	82.4	82.5	82.5	62.6	82.6	82.6	82.7	82.7
14 . 44	35.8	36.2	86.3	87.0	37.0	37.1	87.2	87.2	87.2	37.2	37.2	87.3
·· 7 • •	89.4	39.9	93.7	90.8	90.3	91.0	91.1	91.1	91.1	91.1	91.1	91.2
.7.2	99.1	90.5	91.4	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.9
20.7	92.4	92.9	93.3	94.0	94.0	94.2	94.3	94.3	94.3	94.3	94.4	94.4
12.3	94.2	94.8	95.8	96.0	96.0	96.2	96.3	96.3	96.4	96.4	96.4	96.5
. 1.9	14.9	95.6	96.6	96.8	95.9	97.1	97.2	97.3	97.3	97.3	97.4	97.4
3.3	75.3	96.1	97.1	37.4	97.4	97.6	97.9	97.9	97.9	97.9	98.0	98.0
13.5	95.7	96.4	97.6	97.8	97.9	98.1	98.3	98.4	98.4	98.4	98.5	98.5
43.3	95.0	96.7	98.0	99 • 2	78.3	98.6	99.7	98.8	98.8	98.9	98.9	99.0
13.9	96.2	97.0	98.2	98.6	98.6	98.9	99.0	99.1	99.2	99•2	99.3	99.4
3.9	76.2	97.0	98.3	98.7	98.8	99.1	99.2	99.3	99.4	99.4	99.5	99.6
13.9	25.2	97.1	98.4	93.8	98.9	99.2	99.4	99.5	99.6	99.6	99.7	99.8
•3•9	96.2		98.5	98.9	99.0	99.3	99.5	99.6	99.7	99.7	99.8	99.9
13.9	96.2	97.1	98.5	98.9	99.0	99.3	99.5	99.6	99.7	99.8	99.9	100.0
33 . 9	96.2	97.1	98.5	98.9	99.0	99.3	99.5	99.6	99.7	99.8	99.9	100.0
13.7	95.2	97.1	98.5	99.9	99.0	99.3	99.5	99.6	99.7	99.8	99.9	100.0

USAFETAG, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI FROM HOURLY OBSERVATIONS

			• • • • • • • •		TO UTC			• • • • • •			HONTH	MAT	HOURS:	U
	t ING	• • • • •				•	VISIBILI	TY IN	STATUTE	MILES				•
	N	Ç F	3₽	GF	GE	Gë	۵E	SE	GE	65	GĘ	GE	GE	
	EET ••••••	7	6 • • • • • • •	5	4 • • • • • •	3	2 1/2	2	1 1/2	1 1/4	1 • • • • • • •	3/4	5/9	
Ю	CEIL	50.4	51.3	5 3. ઇ	55.5	56.2	56.3	57.0	57.1	57.1	57.3	57.3	57.3	ŀ
Ĺ	20000	52.3	54.4	56.3	55.3	53.0	59.1	59.3	50.0	50.0	50.2	50.2	50.2	
Ĉ	19000	52.3	54.4	56.3	58.3	59.0	59.1	59.9	60.0	50.0	60.2	60.2	60.2	!
	16000	52.3	54.4	56.3	58.3	59.0	59.1	59.9	60.0	60.0	53.2	50.2	50.2	
	14000	52.4	54.5	56.5	58.4	59.1	59.2	50.0	50.1	60.1	60.3	50.3		
E	12000	53.1	55.4	57.3	59.5	50.2	60.3	51.1	51.2	61.2	61.4	61.4	61.4	
	10000	55.3	59.7	50.5	52.3	63.5	63.7	54.4	54.5	54.5	54.7	54.7	-	
Ē	9000	56.9	53.2	51.2	63.3	54.1	54.2	54.7	55.1	55.1	55.3	55.3		
Ē	9000	61.2	63.9	55.1	58.3	69.2	69.7	70.5	70.9	70.9	71.1	71.1		
E	7000 6000	62.7 63.3	55.4 56.0	57.6 68.4	69.8 70.5	70.9 71.6	71.3 72.0	72.2 72.9	72.5 73.2	72.5 73.2	72.7 73.4	72.7 73.4		
Ŀ	6000	03.3	30.0	00.4	10.5	11.5	12.0	12.9	13.2	13.2	13.4	13.4	13.4	1
E	5000	64.7	67.5	77.1	72.3	73.5	74.0	74.3	75.2	75.2	75.4	75.4		
Ę	4500	65.5	59.5	72.5	74.7	76.2	75.7	77.5	74.1	73.1	78.3	78.3		
ς.	4000	59.3	72.0	76.5	78.3	37.4	81.0	22.4	82.9	32.9	93.0	93.0		
E	3500	71.3	74.9	79.1	81.3	33.4	84.0	35.4	45.3	85.8	85.0	86.0		
Ε	3000	73.5	76 ₊ ಚ	a1.0	83. 6	35.6	35.1	37.5	38.0	84.0	38.2	69.2	BA.2	
_	2500	74.7	73.1	32.4	35.5	37.7	33.4	47.9	97.4	90.4	99.6	90.5	90.5	,
F	2000	75.3	79.6	23.1	86.3	33.8	99.5	91.1	91.5	31.5	91.B	91.4	91.4	į
F	1900	75.4	73.7	83.3	45.4	83.2	39.9	91.5	92.0	92.0	92.3	92.3		
E	1500	76.5	79.3	84.7	33.4	91.1	91 • B	93.5	94.3	94.3	94.5	94.5		
Ε	1230	76.6	30.0	34.9	as. 7	91.4	92.2	93.9	94.5	94.6	94.8	94.8	94.9	ì
E	1000	75.6	30.1	15.2	89.1	91.3	72.5	94.4	95.5	36,5	95.7	95.7		
E.	900	76.5	30.1	35.2	89.1	91 • A	92.5	34.5	25.7	35.7	95.0	95.9	-	
E	907	76.6	80.1	35.2	39.2	91.3	92.7	94.5	95.8	35.8	95.0	96.0		
E	700	75.6	30.1	85.2	89.5	92.3	93.0	95.9	97.3	97.3	97.5	97.5		
E	600	76.6	30.2	85.3	ყე∙ გ	93.0	93.8	95.7	78.1	98.1	98.3	98.3	98.3	,
Ł	500	74.5	99.2	95.4	90.3	93.7	94.5	97.5	99.1	94.1	39.4	99.4	-	
Ę	400 300	75.5 76.6	₹0•2 80•2	85.4 8 5.4	90.3 90.3	93.7 93.7	94.5	97.3	99.5	39.5 39.7	99.8 99.9	99.8 99.9		
E	200	75.6	30.2	35.4	90.3	93.7	94.5	97.8	99.7	-				
E	100	76.6	30.2	35.4 85.4	90.3	93.7	94.5 94.5	97.8 97.8	99.7 99.7	99.7 99.7	99.9 99.9	99.9 99.9	_	
										7741				
=	000	75.5	₹0.2	35.4	90.3	93.7	94.5	97.9	99.7	99.7	99.9	99.9	99.9	,

TOTAL NUMBER OF OBSERVATIONS 930

TEON HAM	+ 5	KENBACKE	R ANGB			HTMOM:	MAY	ORD: M HOURS:	00-02	FEB 88		
		VISIBILI	TY IN			• • • • • • • •	• • • • • • •					
gr.	SÉ	GE	SE	35	65	GE	GE	GE	GE	GF	G <i>E</i>	GE
4	3	2 1/2	2	-	1 1/4	1	3/4	5/8	1/2	3/8	1/4	Ö
5						<i></i>						
55.5	55.2	56.3	57.0	57.1	57.1	57.3	57.3	57.3	57.4	57.4	57.4	57.4
59.3	53.0	59.1	59.3	50.0	50.0	50.2	50.2	60.2	60.3	60.3	60.3	60.3
6.2.3	59.0	59.1	59.9	60.0	50.0	50.2	60.2	60.2	60.3	60.3	50.3	60.3
99.3	59.0	59.1	59.9	50.0	60.0	60.2	50.2	60.2	60.3	60.3	60.3	60.3
53.4	59.1	59.2	50.0	50.1	60.1	60.3	50.3	50.3	60.4	60.4	60.4	60.4
59.5	50.2	50.3	51.1	51.2	61.2	61.4	61.4	61.4	61.5	61.5	61.5	61.5
52.3	63.5	53.7	54.4	54.5	54.5	54.7	54.7	54.7	54.8	64.8	64.8	64.8
53.3	54.1	54.3	54.)	55.1	55.1	55.3	55.3	65.3	55.4	65.4	65.4	65.4
59.3	69.2	59.7	70.5	70.9	77.9	71.1	71.1	71.1	71.2	71.2	71.2	71.2
59.3	13.9	71.7	72.2	72.5	72.5	72.7	72.7	72.7	72.8	72.8	72.8	72.8
70.5	71.5	72.0	72.7	73.2	73.2	73.4	73.4	73.4	73.5	73.5	73.5	73.5
72.1	73.6	74.0	74.3	75.2	75.2	75.4	75.4	75.4	75.5	75.5	75.5	75.5
7 7	75.2	75.7	17.5	71.1	7:.1	72.3	78.3	78.3	73.4	73.4	75.4	79.4
75. 3	37.4	91.5	32.4	02.9	32.9	93.0	93.0	83.0	83.1	83.1	83.1	83.1
.1.3	33.4	84.0	35.4	45.3	85.8	85.0	86.0	95.0	36.1	36.1	86.1	86.1
33.0	35.6	35.1	37.5	33.7	33.0	33.0	68.2	38.2	83.3	89.3	88.3	88.3
1 / • ·	,,,,	, 3	,,,,	,,,	37.0	3.702	0 74 2	0.712	3.3.5	· , , , ,	()()	0043
5.0	37.7	48.4	47.7	37.4	90.4	99.5	90.5	90.5	90.5	90.8	90.3	90.3
5.3	33.4	99.5	91.1	31.5	11.5	91.H	91.9	91.4	91.9	91.0	91.9	91.9
45.4	37.2	99.9	91.5	92.0	72.0	92.3	92.3	92.3	92.4	92.4	92.4	92.4
33.4	91.1	91.8	93.5	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.5	94.6
33.7	91.4	32.2	93.9	94.6	74.6	94.8	94.8	94.8	94.9	94.9	94.9	94.9
. •	/ >	22.4	37. 7	37.6	16 6	25.7	05.7	26 3	OF 3	35 3	05.	25.2
··) • 1	91.3	72.5	94.4	75.5	35.5	95.7 95.9	95.7	95.7	95.8	95.3	95.3	95.2
3.1	31.7	92.5	74.5	95.7	35.7 25.2		95.9	95.9	95.0	95.0	96.3	95.0
49.2	91.7	92.7	24.5	95.3	75.9	95.0	96.0	95.0	96.1	96.1	96.1	95.1
37.5	92.3	93.0	95.9	97.3	97.3	97.5	97.5	97.5	97.6	97.6 93.4	97.6 98.4	97.6
37.4	93.0	93.8	95.7	₹8 . 1	98.1	98.3	98.3	98.3	93.4	70.4	90.4	98.4
20.3	73.7	34.5	97.5	99.1	99.1	79.4	99.4	99.4	99.5	99.5	99.5	99.5
30.3	93.7	94.5	97.3	99.5	39.5	଼ 9 🕶 ମ	99.8	99.9	99.9	99.7	99.3	99.9
90.3	93.7	94.5	97.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
90.3	93.7	74.5	97.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
30.3	93.7	94.5	97.8	79.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
90.3	73.7	74.5	97 . 9	99.7	29.7	39.9	99.9	99.9	100.0	100.0	100.0	100.0
	•••••	• • • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	•••••	•••••

TOPERATING LOCATION MAM USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI FROM HOURLY OBSERVATIONS

STATION NUMBER:	724295		TON NAM		KENBACKE	R ANGS	дн		PERIOD MONTH:		ORD: M HOURS:	
CEILING	• • • • • • •	• • • • • • •	•••••		VISIBILI				• • • • • • •	• • • • • •	• • • • • •	• • •
IN SE	G€	G.F	G F	SE	GE	GΞ	GE		G⊏	GE	GE	
FFFT 7	5	5	4	3		2		1 1/4	-	3/4	5/3	1
• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •	• • • • • • •	• • • • •	• • • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • •
NU CEIL 41.3	43.2	45.6	48.9	51.1	51.6	52.5	53.0	53.1	53.2	53.4	53.4	5
GE 20000 43.5	45.3	47.5	51.3	53.5	54.1	54.9	55.5	55.6	55.7	56.0	56.0	5
GF 13000 43.5	45.3	47.3	51.3	53.5	54.1	54.7	55.5	55.6	55.7	56.0	55.0	5
SF 15000 43.5	45.3	47.3	51.3	53.5	54.1	54.7	55.5	55.6	55.7	56.0	56.0	5
GE 14000 43.7	45.4	48.0	51.4	53.7	54.2	55.1	55.6	55.7	55.8	56.1	56.1	5
GE 12000 44.2	45.9	48.5	52.2	54.4	54.9	55.8	56.3	56.5	56.6	56.9	56.9	5
GE 10000 45.5	43.5	51.5	55.2	57.4	53.0	53.3	59.4	57.5	59.6	59.9	59.9	6
GC 9303 47.7	43.7	52.3	56.5	53.7	59.2	50.1	50.5	50.3	50.9	51.2	61.2	6
5º 4000 51.0	53.4	57.0	50.9	53.1	63.7	64.5	55.5	55.6	55.3	66.1	56.1	6
GF 7000 53.2	55.0	59.6	53.5	55.9	66.5	57.6	63.7	59.9	59.0	69.4	59.4	6
GE 6000 54.4	57.1	50 • š	64.7	67.1	67.7	68.8	70.0	70.1	70.3	70.6	70.6	7
JE 5000 55.2	57.5	63.2	57.4	73.1	70.9	71.9	73.2	73.3	73.5	73.9	73.9	7
37 4533 57.3	5.1.4	44.5	59.0	71.9	72.7	73.3	75.3	75.4	75.7	75.0	76.0	7
SE 4000 59.7	62.5	57.2	72.5	75.6	76.3	77.4	74.0	79.0	79.4	79.7	79.7	p
gr 3500 sa.a	64.0	63.3	74.4	77.7	78.5	73.5	31.1	31.2	31.5	81.8	31.8	ą
GE 3000 51.5	55.6	70.4	76.6	30.0	80.8	81.8	33.5	83.7	34.0	84.3	34.3	9
GE 2500 52.3	25.3	71.9	7 3.3	31.5	82.6	23.8	35.5	35.5	35.9	85.2	56.2	5
GE 2000 53.1	57.3	73.2	30.0	33.9	34.5	25.7	37.4	37.5	37.5	85.2	48.2	9
GF 1800 63.5	57.7	73.7	30.4	94.3	85.1	85.2	49.0	38.1	99.4	99.7	83.7	я
35 1500 64.1	69.4	74.4	91.3	85.2	36.0	37.3	89.0	39.1	49.5	89.8	89.A	9
GE 1200 54.4	5û•s	74.9	82.3	36.7	87.5	39.1	90.9	91.0	91.3	91.6	91.6	9
GE 1000 54.7	59.4	75.5	33.2	87.6	83.5	90.4	72.5	92.6	92.9	93.2	93.2	9
SE 900 54.7	57.4	75.5	33.2	37.3	88.7	90.5	92.4	92.0	23.2	93.5	93.5	ာ်
SF 800 54.7	59.4	75.7	93.4	99.3	39.1	91.1	93.3	93.5	93.9	94.2	94.2	9
GE 700 64.3	52.6	74.0	83.3	33.7	89.7	92.0	94.6	94.8	95.2	95.5	95.5	á
GE 600 54.9	59.5	76.1	33.9	88.9	90.1	92.5	95.4	95.6	95.9	96.2	96.2	9
GE 500 65.1	59.7	76.2	34.0	39.7	91.0	93.5	96.3	97.0	97.4	97.7	97.7	9
SF 400 65.1	63.7	76.2	34.7	37.7	91.0	93.7	96.9	97.1	97.5	97.4	97.3	9
SF 300 55.1	57.7	76.2	84.9	89.7	91.0	93.7	97.9	97.2	97.6	98.1	98.1	9
GE 200 55.1	69.7	75.2	84.0	39.7	91.0	93.7	97.3	97.2	-		98.1	9
GE 100 65.1	59•7	76.2	84.0	89.7	91.0	93.7	97.0	97.2	97.6 97.6	98.1 98.1	98.1	9
3F 000 65.1	59.7	76.2	94.0	3₹.7	91.0	93.7	97.0	37.2	97.6	98.1	98.1	q

TOTAL NUMBER OF DESERVATIONS 930

	: + 5 	• • • • • •			•••••	MONTH:		HOURS: (• • • • • • •	• • • • • •		
		_		STATUTE			-					•
	GE	GE	GE	GE	GF	G F	GE	GE	GE	G€	GE	GE
	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	••••
9	51.1	51.6	52.5	53.0	53.1	53.2	53.4	53.4	53.8	53.9	54.1	54.
3	53.5	54.1	54.9	55.5	55.6	55.7	56.0	56.0	56.5	56.6	56.8	56.
3	53.5	54.1	54.9	55.5	55.6	55 .7	56.0	56.0	56.5	56.6	56.8	56.
3	53.5	54.1	54.9	55.5	55.6	55.7	56.0	56.0	56.5	56.6	56.8	56,
4	53.7	54.2	55.1	55.6	55.7	55.8	56.1	56.1	56.6	56.7	56.9	56.
2	54.4	54.9	55.8	56.3	56.5	56.6	56.9	56.9	57.3	57.4	57.6	57.
2	57.4	58.0	58.8	59.4	59.5	59.6	59.9	59.9	60.3	50.4	60.5	60.
Ġ	53.7	59.2	50.1	60.5	60.3	50.9	61.2	61.2	61.6	61.7	61.9	61.
4	53.I	63.7	64.5	55.5	65.6	65.8	66.1	66.1	66.6	66.7	67.0	67.
5	65.9	66.5	67.6	68.7	68.8	69.0	69.4	69.4	69.8	69.9	70.2	70.
7	67.1	67.7	68.3	70.0	70.1	70.3	70.6	70.6	71.1	71.2	71.5	71.
	70.1	70.9	71.9	73.2	73.3	73.5	73.9	73.9	74.3	74.4	74.7	74.
)	71.9	72.7	73.3	75.3	75.4	75.7	76.0	76.0	76.5	76.6	76.9	76.
•	75.6	76.3	77.4	79.9	79.0	79.4	79.7	79.7	20.1	80.2	80.5	80.
•	77.7	78.5	77.6	31.1	31.2	31.5	81.8	31.8	82.3	82.4	82.7	82.
)	30.0	8.08	81.8	33.5	83.7	84.0	84.3	84.3	84.7	84.8	85.2	85
,	31.3	92.6	93.8	35.5	85.6	85.9	86.2	86.2	86.7	86.8	87.1	37.
)	33.3	34.5	25.7	37.4	37.5	47.8	88.2	88.2	88.6	88.7	89.0	89.
	84.3	85.1	85.2	99.0	38.1	98.4	88.7	88.7	89.1	89.2	89.6	89
3	35.2	96.0	87.3	99.0	39.1	89.5	89.8	89.8	90.2	90.3	90.6	90.
3	36.7	87.5	89.1	90.9	91.0	91.3	91.6	91.6	92.0	92.2	92.5	92
	87.6	83 . 5	90.4	92.5	92.5	92.9	93.2	93.2	93.7	93.9	94.1	94.
	37.3	88.7	90.5	92.8	92.9	93.2	93.5	93.5	94.0	94.1	94.4	94
•	39.3	99.1	91.1	93.3	93.5	93.9	94.2	94.2	94.6	94.7	95.1	95
3	33.7	39.7	92.0	94.6	94.9	95.2	95.5	95.5	96.2	96.3	96.7	96
)	33.9	90.1	92.5	95.4	95.6	95.9	96.2	96.2	97.0	97.1	97.4	97
ì	39.7	91.0	93.5	96.3	97.0	97.4	97.7	97.7	98.5	98.6	98.9	98
)	37.7	91.0	93.7	96.9	97.1	97.5	97.8	97.8	98.6	98.7	99.0	99
)	39.7	91.0	93.7	97.0	97.2	97.6	98.1	98.1	98.8	98.9	99.2	99
)	99.7	91.0	93.7	97.0	97.2	97.6	98.1	98.1	98.9	99.0	99.4	99
)	89.7	91.0	93.7	97.0	97.2	97.6	98.1	98.1	98.9	99.0	99.4	99
)	37.7	91.0	93.7	97.0	37.2	97.6	98.1	98.1	99.0	99.1	99.5	100

. . USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGE OH PERIOD OF RECORD: MAR 78 HOURS: 06-08 \ LST TO UTC: + 5 MONTH: MAY VISIBILITY IN STATUTE MILES CEILING GE GE GE GE GE GF GE IN GE GE GF FEET 5 2 1/2 2 1 1/2 1 1/4 1 3/4 1/2 40.8 NO CEIL 44.8 45.7 48.5 48.5 33.0 36.5 42.3 47.2 48.0 48.7 48.7 48.9 49.4 53.5 SE 20000 35.7 40.0 44.6 46.5 50.2 51.8 52.6 53.1 53.2 53.5 53.8 49.4 35.7 SE 18000 47.0 44.5 46.5 50.2 51.9 52.6 53.1 53.5 53.5 53.8 53.2 16000 35.7 40.0 44.6 46.5 49.4 50.2 51.8 52.6 53.1 53.2 53.5 53.5 53.9 GE 14000 49.7 36.0 40.3 44.9 46.8 50.5 52.9 53.4 53.5 53.9 53.9 54.1 52.2 GE 12000 45.7 50.4 36.7 47.5 51.3 52.9 53.7 54.2 54.6 54.8 48.8 51.1 59.0 59.2 GF 10000 38.7 43.3 54.2 55.1 57.1 57.8 58.4 58.5 59.0 9000 49.3 GE 39.4 44.5 52.2 55.4 56.2 53.3 59.0 59.5 59.7 60.2 50.2 60.4 48.1 53.5 60.2 54.6 GF 8000 42.7 56.5 51.3 63.8 65.3 65.4 66.1 66.1 66.3 59.1 7000 55.7 67.5 69.5 69.7 GE 44.5 50.1 63.1 54.2 66.7 68.3 68.7 69.5 51.3 5000 45.5 57.0 64.3 70.4 60.5 65.9 68.4 69.4 70.0 71.2 71.2 71.4 50 5000 44.7 53.2 59.1 63.0 67.5 58.9 71.7 72.9 73.5 74.9 74.9 75.3 74.0 30 4500 53.9 50.1 47.3 54.5 67.1 70.5 73.3 74.6 75.3 75.7 76.7 76.7 77.0 GE 4000 49.6 55.5 52.0 78.1 79.7 56.9 71.6 73.0 75.0 77.4 78.6 79.7 80.0 49.0 55.0 GE 3500 62.7 67.5 72.4 73.8 77.1 78.6 79.2 79.8 80.9 80.9 81.2 3000 GE 49.6 56.6 63.3 68.5 73.4 74.8 78.2 79.7 80.3 80.9 81.9 91.9 82.3 SE 2500 51.3 59.0 55.0 71.2 75.2 32.9 85.2 85.2 95.5 77.6 91.4 33.5 GE 79.4 93.1 34.7 2000 53.1 50.3 67.4 72.6 79.0 35.4 35.9 87.0 87.0 47.3 ĢĘ 1300 50.6 78.3 53.2 57.7 72.9 79.7 83.4 85.1 85.7 85.2 87.3 87.3 87.6 90.2 GE 1500 54.2 51.9 69.1 74.4 30.0 31.4 85.9 87.6 88.3 88.8 89.9 89.9 54.6 70.0 75.4 1200 52.4 81.3 82.7 87.5 39.2 89.9 90.4 91.5 91.5 91.8 79.9 3F 1000 54.3 93.3 93.7 76.3 32.5 89.2 91.7 92.3 93.3 53.0 84.1 91.1 35 900 54.3 63.0 70.9 76.5 33.2 84.3 90.1 91.9 92.7 93.3 94.4 94.4 94.7 GE 55.1 91.6 94.2 96.3 800 53.3 71.4 77.2 84.4 86.0 93.4 94.9 96.0 96.0 55.3 GE 700 63.5 71.6 77.4 84.8 86.6 92.3 94.3 95.1 96.0 97.2 97.2 97.5 98.1 98.5 55.4 53.7 71.8 77.7 85.3 87.0 92.9 95.2 95.9 98.1 600 96.9 7,5 500 55.4 53.7 71.3 77.7 95.4 87.1 93.1 95.6 96.3 97.3 98.6 99.6 99.0 ζ. 55.4 85.4 99.1 93.2 95.7 98.7 400 77.7 97.1 53.7 71.3 96.5 97.4 98.7 55.4 GE. 99.2 85.4 300 53.7 71.8 77.7 87.1 93.2 95.7 96.5 97.4 98.7 98.7 55.4 95.7 96.5 98.7 99.2 GE 200 53.7 71.3 77.7 35.4 87.1 93.2 97.4 98.7 GE 100 55.4 53.7 71.8 77.7 85.4 87.1 93.2 95.7 96.5 97.4 98.7 98.7 99.2

85.4

37.1

93.2

77.7

TOTAL NUMBER OF DESERVATIONS 930

53.7

71.3

ĢĘ

300 55.4

t

95.5

95.7

99.7

97.4

78.7

99.2

Part of the

• • • •		ISTBILT	TY IN	STATUTE			• • • • • •					
GE	GE	GE	GE	GF		GE	GE	GE	GE	GE	GE	GE
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/3	1/4)
• • • •	• • • • • • • •											
2.3	44.8	45.7	47.2	48.0	48.5	48.5	48.7	48.7	48.9	49.0	49.0	49
6.5	49.4	50.2	51.8	52.6	53.1	53.2	53.5	53.5	53.8	53.9	53.9	53
6.5	49.4	50.2	51.8	52.6	53.1	53.2	53.5	53.5	53.8	53.9	53.9	53
5.5	49.4	50.2	51.8	52.6	53.1	53.2	53.5	53.5	53.5	53.9	53.9	53
5.8	49.7	50.5	52.2	52.9	53.4	53.5	53.9	53.9	54.1	54.2	54.2	54
7.5	50.4	51.3	52.9	53.7	54.2	54.3	54.6	54.6	54.8	54.9	54.9	54
1.1	54.2	55.1	57.1	57.8	58.4	58.5	59.0	59.0	59.2	59.4	59.4	59
2.2	55.4	56.2	53.3	59.0	59.5	59.7	60.2	60.2	60.4	60.5	60.5	60
5.5	50.2	51.3	53.8	64.6	65.3	65.4	66.1	66.1	66.3	66.5	66.5	66
9.I	63.1	64.2	66.7	67.6	68.3	68.7	69.5	69.5	69.7	69.8	69.8	69
).5	64.8	65.9	68.4	69.4	70.0	70.4	71.2	71.2	71.4	71.5	71.5	71
3.)	57.5	58.9	71.7	72.9	73.5	74.0	74.9	74.9	75.3	75.4	75.4	75
4.5	59.1	70.5	73.3	74.6	75.3	75.7	76.7	76.7	77.0	77.1	77.1	77
5.9	71.6	73.0	75.0	77.4	78.1	78.6	79.7	79.7	80.0	30.1		80
7.5	72.4	73.8	77.1	78.0	79.2	79.8	80.9	80.9	81.2	81.3	81.3	81
3.5	73.4	74.8	78.2	79.7	80.3	80.9	81.9	81.9	82.3	82.4	82.4	82
1.2	75.2	77.6	81.4	32.9	33.5	84.1	85.2	85.2	85.5	85.6	85.6	85
2.5	73.0	79.4	83.1	34.7	35.4	35.9	97.0	87.0	97.3	87.4	87.4	87
2.9	79.3	79.7	93.4	85.1	85.7	85.2	87.3	87.3	87.6	87.7	97.7	87
4 . 4	30.0	31.4	85.9	87.6	88.3	88.8	89.9	89.9	90.2	90.3	90.3	90
5.4	81.3	82.7	87.5	39.2	89.9	90.4	91.5	91.5	91.8	91.9	91.9	91
5.3	32.5	84.1	89.2	91.1	91.7	92.3	93.3	93.3	93.7	93.8	93.8	93
5.5	33.2	94.3	90.1	91.9	92.7	93.3	94.4	94.4	94.7	94.9	94.9	94
7.2	84.4	86.0	91.6	93.4	94.2	94.9	96.0	96.0	96.3	96.5	96.5	96
7.4	34.8	86.6	92.3	94.3	95.1	96.0	97.2	97.2	97.5	97.6	97.6	97
7.7	85.3	37.0	92.9	95.2	95.9	96.9	98.1	98.1	98.5	93.6	98.6	98
7.7	35.4	37.1	93.1	95.6	96.3	97.3	98.6	98.6	99.0	99.1	99.1	99
7.7	35.4	87.1	93.2	95.7	96.5	97.4	98.7	98.7	99.1	99.2	99.2	99
7.7	35.4	37.1	93.2	95.7	96.5	97.4	98.7	98.7	99.2	99.4	99.4	49
7.7	35.4	87.1	93.2	95.7	96.5	97.4	98.7	98.7	99.2	99.4	99.4	99
7.7	85.4	87.1	93.2	95.7	96.5	97.4	98.7	98.7	99.2	99.4	99.4	100
7.7	35.4	37.1	93.2	95.7	95.5	97.4	98.7	98.7	99.2	99.4	99.4	100

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBI USAFETAC. ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGBOOM PERIOD OF RECORD: MAR 78 MONTH: MAY HOURS: 09-11 LST TO UTC: + 5 VISIBILITY IN STATUTE MILES CEILING GF GE GE GE GE GE GE GF GE IN GE FEET 4 1 1/4 7 5 5 3 2 1/2 2 1 1/2 3/4 5/8 1/2 1 NO CEIL 40.6 44.9 46.8 48.4 49.0 49.4 49.6 49.7 49.7 49.7 55.4 GE 20000 45.5 53.0 55.8 56.1 51.0 54.7 56.0 56.1 56.1 56.1 56.1 55. 55.1 GE 18000 45.5 51.0 55.4 55.9 56.1 53.0 54.7 56.0 56.1 56.1 56. 56.1 SE 16000 51.0 56.1 56. 45.6 53.0 54.7 55.4 55.8 56.0 55.1 54.1 56.1 56.1 GE 14000 45.7 51.1 53.1 54.8 55.5 55.9 55.1 56.2 56.2 56.2 56.2 56.2 56. GE 12000 46.7 52.2 54.2 55.9 56.6 57.0 57.2 57.3 57.3 57.3 57.3 57.3 57. 49.0 59.6 GE 10000 54.3 57.2 58.9 60.0 60.2 50.3 60.3 60.3 60.3 60.3 63. ÇE 9000 49.7 55.6 58.0 59.7 60.3 60.8 61.0 61.1 51.1 61.1 61.1 51.1 61. SE 8000 52.5 59.2 61.9 65.6 65.8 65.8 64.1 64.8 65.3 55.8 65.8 65. 65.8 GE 7000 53.5 50.5 63.2 65.5 66.5 67.3 67.7 67.7 57.7 67.7 67.7 67. 66.9 6000 56.5 54.2 61.2 67.4 67.8 68.7 63.7 68.7 68.7 63. GE 64.2 68.3 68.7 GE 5000 55.8 53.0 06.5 69.1 70.1 70.5 71.1 71.5 71.5 71.5 71.5 71.5 71. 4500 56.2 64.0 GE 57.3 70.5 71.5 72.0 72.6 73.0 73.0 73.0 73.0 73.0 73. GF 4000 57.0 45.4 59.6 72.5 74.0 74.6 75.8 76.3 76.3 76.3 76.3 76.3 76. 75.6 GE 78.3 78.3 3500 50.2 71.1 77.6 73. 55.7 74.1 76.3 78.3 78.3 78.3 3900 59.8 76.5 78.3 68.5 73.2 79.0 80.4 31.1 81.1 81.1 81.1 81.1 81. GĖ 2500 51.3 70.4 75.3 78.6 30.0 91.4 83.0 83.8 83.8 83.8 83.8 33.8 83. 95.4 36.1 ۵5. SE 2000 62.5 71.8 76.8 80.4 93.0 83.8 86.1 86.1 86.1 86.1 26. 72.0 GE. 1300 62.7 77.0 80.6 83.2 95.3 86.3 96.3 84.0 85.6 86.3 86.3 SE 1500 64.5 74.4 30.1 87.6 89.4 90. 84.0 36.8 90.1 90.1 90.1 90.1 90.1 89.7 1200 93. GE 65.4 75.5 81.8 86.2 90.6 92.6 93.3 93.3 93.3 93.3 93.3 92.4 95.2 GE 1000 65.9 32.9 37.5 91.0 94.4 95.2 95.2 95.2 95.2 95. 76.1 GE 900 66.0 76.5 33.3 88.3 91.7 93.2 95.4 96.3 96.3 96.3 96.3 96.3 96. SF 900 66.2 76.9 93.9 88.9 92.4 94.1 95.2 97.2 97.2 97.2 97.2 97.2 97. GE 76.9 92.5 94.2 97.6 700 33.9 97.5 97.5 97.7 97.7 97. 88.9 66.2 96.3 GE 600 66.5 77.1 84.2 89.7 93.4 95.2 97.3 98.7 98.7 98.8 98.9 98.9 98. 39.2 500 65.5 77.2 84.3 89.9 93.8 95.6 97.7 99.2 99.5 99.6 99.6 99. 400 77.2 34.3 93.8 95.6 97.7 99.2 99.2 99.5 99.7 99. 7.5 89.9 99.7 65.5 G۶ 300 65.5 77.2 94.3 89:9 93.8 95.5 97.7 99.2 99.2 99.6 99.8 99.8 100. 99.6 GE 200 55.5 77.2 84.3 89.9 93.8 95.6 99.2 99.8 99.8 97.7 99.2 100. 100 66.5 77.2 84.3 A9.9 93.8 95.6 97.7 99.2 99.2 99.6 99.8 99.8 100.

TOTAL NUMBER OF OBSERVATIONS 930

77.2

39.9

94.3

93.3

95.5

SE

000 65.6

1

1

£

99.2

99.6

99.8

99. R

1

100.

99.2

97.7

TO UTC	-	KENBACKE	R ANGB	OH		MONTH:		UKD: M HOURS:	AR 78 - 09-11	FEB 88		
• • • • • • •		VISIBILI	TY IN	STATUTE			• • • • • • • •			•••••		
GE		GE	GE	GE		GE	GE			GE	GE	GE
4	3	2 1/2	2		1 1/4	1	3/4	5/8				0
43.4	49.0	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
54.7	55.4	55.8	56.0	56.1	56.1	56.1	56.1	56.1	55.1	56.1	56.1	56.1
54.7	55.4	55.3	55.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
54.7	55.4	55.8	56.0	55.1		56.1	56.1	56.1	56.1	56.1	56.1	56.1
54.8	55.5	55.9	55.1	56.2	56.2	56.2	56.2	56.2	56.2	56 • 2	56.2	56.2
55.9	56.6	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
53.9	59.6	50.0	60.2	50.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
59.7	60.3	60.8	61.0	51.1	51.1	61.1	61.1	51.1	61.1	61.1	61.1	61.1
54.1	54.8	65.3	65.6	65.8	55.8	65.8	65.9	65.8	65.8	65.8	65.8	65.8
65.5	66.5	66.9	67.3	67.7	67.7	57.7	67.7	67.7	67.7	67.7	67.7	67.7
56.5	67.4	67.8	68.3	68.7	63.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
o9•1	70.1	70.5	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
70.5	71.5	72.0	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
12.5	74.0	74.6	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
74.1	75.6	76.3	77.6	73.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
75.5	78.3	79.0	80.4	31.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
78.6	30.0	91.4	83.0	3 3. 8	83.8	83.8	83.ដ	33.8	83.8	83.8	83.8	83.8
20.4	33.0	83.8	95.4	86.1	36.1	86.1	86.1	86.1	86.1	86.1	86.1	96.1
30.5	83.2	34.3	85.6	95.3	36.3	96.3	86.3	86.3	86.3	36.3	36.3	85.3
94.0	36.8	87.5	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
36.2	89.7	90.6	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
3 7. 5	91.0	92.4	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
ઉત.3	91.7	93.2	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
38.9	92.4	94.1	95.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
43.7	92.5	94.2	96.3	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
39.7	93.4	95.2	97.3	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
39.9	93.8	95.6	97.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
19.7	93.4	95.5	97.7	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7
39.9	93.8	95.5	97.7		99.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0
49.9	93.8	95.6	97.7	99.2	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0
59.9	93.8	95.6	97.7	99.2	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0
30.9	93.8	95.6	97.7	99.2	99.2	29.5	29.8	99.8	100.0	100.9	100.0	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILE USAFETAC: ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 724285 STATION NAMET RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -MONTH: MAY HOURS: 12-14 LST TO UTC: + 5 VISIBILITY IN STATUTE MILES CEILING GF GE I٧ GΕ GE GE SE GE GE GE GE FEET 2 1/2 1 1/2 1 1/4 1/2 44.2 44.2 NO CEIL 44.2 44.2 44.2 44.2 44.2 41.4 42.5 44.0 GE 20000 48.3 49.9 51.3 51.5 51.5 51.5 51.5 51.5 51.5 51.5 51.5 51.5 51.5 GE 18000 40.3 51.5 51.5 51.5 51.5 51.5 49.9 51.3 51.5 51.5 51.5 51.5 51.5 GF 15000 43.3 49.8 51.3 51.5 51.5 51.5 51.5 51.5 51.5 51.5 51.5 51.5 51.5 49.9 51.6 51.6 51.6 51.6 51.6 GE 14000 48.4 51.4 51.6 51.6 51.6 51.6 51.6 SE 12000 49.2 50.3 52.3 52.5 52.5 52.5 52.5 52.5 52.5 52.5 52.5 52.5 52.5 55.4 55.4 55.4 GE 10000 51.9 53.4 55.2 55.4 55.4 55.4 55.4 55.4 55.4 55.4 55.5 SE 9000 53.1 54.7 55.3 55.8 55.3 55.8 55.8 55.3 56.8 56.8 56.8 55.3 r, F 8000 60.6 50.5 60.6 56.3 60.6 53.4 60.3 50.5 60.6 60.6 60.6 60.6 60.6 GΕ 7000 57.1 59.5 61.5 61.9 61.8 61.8 61.8 61.8 61.8 61.8 61.8 61.8 61.8 59.3 GE 6000 57.4 51.3 62.2 62.2 62.2 62.2 52.2 62.2 62.2 62.2 62.2 62.2 5000 57.4 50.3 53.7 53.7 63.7 53.7 63.7 63.7 53.3 53.7 63.7 63.7 63.7 35 65.7 4500 50.1 52.7 55.3 55.7 55.7 65.8 65.8 25.3 45.3 65.8 55.8 55.8 SE 4000 63.5 57.4 70.5 71.1 71.2 71.2 71.4 71.4 71.4 71.4 71.4 71.4 71.4 75.1 GĒ 3500 67.3 71.9 75.5 76.3 76.3 76.6 76.5 75.6 76.6 76.6 76.6 76.5 GE 3000 72.0 30.6 81.5 31.8 81.8 82.2 82.4 82.4 32.4 82.4 82.4 82.4 76.5 85.4 35.9 85.9 SE 2500 74.3 79.4 33.4 34.5 35.3 35.7 95.0 95.9 85.9 95.9 38.2 89.0 49.5 çc 36.2 99.4 39.6 29.7 89.7 2000 75.7 32.0 83.8 39.7 99.7 3F 89.2 89.8 39.8 99.9 1800 39.6 89.3 89.9 75.3 92.3 37.0 88.4 89.0 39.9 88.6 91.0 91.8 91.8 91.9 GE 1500 73.0 33.5 90.1 91.2 91.5 91.9 91.9 91.9 94.6 1200 79.4 35.5 91.1 92.9 93.9 94.1 94.9 94.9 95.2 95.2 95.2 95.2 1000 79.8 93.3 94.7 95.7 96.5 96.5 95.5 35 96.1 91.3 95.5 95.1 35.1 96.1 96.5 ٩r 94.4 300 80.1 35.5 92.4 95.3 96.5 97.0 37.0 37.3 97.3 97.3 97.3 98.0 35 900 94.5 97.1 97.6 97.5 98.0 99.0 80.1 96.6 92.5 96.1 95.5 98.0 96.6 98.0 90.0 GE 700 94.6 98.3 98.4 98.4 98.4 30.1 35.5 92.5 96.2 97.4 92.6 94.8 97.7 98.5 98.5 99.1 99.2 99.2 99.2 GF 600 80.3 86.8 96.5 96.9 97.0 99.7 35.0 72.3 25.5 99.9 ̈ςΞ 500 80.3 94.3 38.9 99.3 99.3 99.3 97.4 98.9 99.8 99.9 3 E 99.9 99.9 400 80.3 36.3 92.3 94.3 96.5 97.0 97.8 93.9 GE 300 80.3 35.8 92.8 94.3 96.5 97.0 97.8 98.9 98.9 99.9 100.0 100.0 100.0 200 94.8 97.0 97.8 98.9 99.9 GE 30.3 36.3 92.8 96.5 98.9 100.0 100.0 100.0 ůΕ 100 30.3 36.8 92.8 94.8 95.5 97.0 97.8 98.9 98.9 99.9 100.0 100.0 100.0

96.5

97.0

97.3

TOTAL NUMBER OF OBSERVATIONS 930

46.3

000 80.3

5.5

98.9

99.9 100.0 100.0

100.0

1

93.9

TATION NA		KENBÄCKI	ER ANGB	ОН		PERIOD MONTH:		HOURS:	TAR 78 -	FEB 88		
F	• • • • • • •	VISIBIL	TV TAL	CTATHTE	MILES	• • • • • • •	••••		••••		• • • • • • •	
GE	GE	GE	GE.	SE	GE	GE	GE	GE	GE	GE	GE	GE
4	3	2 1/2	2		1 1/4		3/4	5/8	1/2	3/8	1/4	0
. "	-					1	3/4	37.0	172	2/3	1/4	U
	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	•••••	• • • • • • •	• • • • • •
44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
						52.5		52.5	52.5	52.5	52.5	52.5
52.5	52.5	52.5	52.5	52.5	52.5	22.3	52.5	92.9	92.5	94.9	32.5	92.9
55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
55.3	55.8	55.3	56.8	55•B	55.3	56.8	56.8	56.8	56.3	56.8	56.8	56.8
50.5	60.6	60.6	60.6	50.6	60.6	50.5	60.6	60.6	60.6	60.6	50.6	60.6
51.5		61.8	51.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
	51.8											
. 52.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
53.7	63.7	63.7	63.7	63.7	53.7	63.7	53.7	63.7	63.7	63.7	63.7	63.7
55.7	55.7	65.7	55.8	65.3	55.3	65.8	65.8	55.8	65.8	65.8	65.8	65.8
71.1	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
75.1	76.3	75.3	76.6	76.5	75.6	76.5	76.6	76.5	76.6	76.6	76.6	76.6
31.5	91.8	81.8	82.2	32.4	82.4	92.4	82.4	82.4	82.4	82.4	82.4	82.4
		0.00	J	32.01	., _ • •	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,	024				52.0
. 34.5	35.3	85.4	35.7	95.a	35.9	85.9	85.9	85.9	85.9	45.9	85.9	85.9
44.2	83.8	89.0	99.4	49.6	39.6	39.7	89.7	89.7	89.7	89.7	99.7	89.7
্ মন্ত.4	89.0	89.2	99.6	87.8	39.8	39.9	89.9	89.9	89.9	89.9	89.9	89.9
90.1	71.0	91.2	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
92.9	93.9	94.1	94.6	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
73.3	94.7	95.1	95.7	95.1	95.1	36.5	96.5	96.5	96.5	96.5	96.5	96.5
. 74.4	95.5	95.3	95.5	97.0	97.0	37.3	97.3	97.3	97.3	97.3	97.3	97.3
, 94.5	95.1	95.5	97.1	97.6	97.5	99.0	98.0	98.0	99.0	98.0	98.0	98.0
. 94.6	96.2	96.6	97.4	98.0	93.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4
94.8	96.5	96.9	97.7	98.5	98.5	99.1	99.2	99.2	99.2	99.2	99.2	99.2
a 4. 3	95.5	97.0	97.3	04 . 9	99.9	99.7	29.8	99.8	99.8	99.8	99.8	99.8
94.3	36.5	97.0	97.8	93.9	98.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9
94.8	96.5	97.0	97.8	98.9	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
94.8	96.5	97.0	97.8	98.9	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
94.8	95.5	97.0	97.8	98.9	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
94.3	96.5	97.0	97.8	93.9	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0.10	• • • • • • •	• • • • • •		• • • • • * •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	•••••	•••••	*****

UPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL' FROM HOURLY OBSERVATIONS

STAT	TON N	umber:	724285	LST	TO UTC	+ 5			0H -		MONTH:	MAY	CORD: M HOURS:	15-17
CEIL	THE	• • • • • •	• • • • • • •	* * * * * * *							• • • • • •	• • • • • •	• • • • • • • •	••••
TN		GE	GF.	c c	GE		GE SE	GE SE	STATUTE GE	GE GE	G E	٠.	C.E.	c
E E E		7	95 6	SE 5	4 GF	3E 3	2 1/2	_				GE 3.44	GE E / a	9E
						-		2		1 1/4	1	3/4	5/3	1/2
• • • •	• • • • •	• • • • • •	• • • • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •
NO C	EIL	42.3	43.5	44.0	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 2	0000	50.1	51.7	52.3	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
SE 1	3000	50.2	51.8	52.4	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 1	5000	50.2	51.8	52.4	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
SE 1	4000	51.0	52.6	53.1	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 1	2000	52.2	53.9	54.4	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 1	0000	54.5	56.6	57.5	58.4	53.4	58.4	58.4	58.4	53.4	58.4	58.4	58.4	58.4
	9000	55.3	57.2	58.3	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE	8000	58.2	50.9	62.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
3F	7000	59.0	61.9	63.1	64.3	64.4	64.4	64.4	54.4	54.4	64.4	64.4	64.4	64.4
GE	6000	59.9	62.7	64.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GŁ.	5000	61.5	54.4	65.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	57.2	57.2
	4522	64.5	67.7	59.5	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.9	71.0	71.0
	4000	63.0	71.6	73.5	74.8	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3
	3500	71.7	76.0	78.2	79.6	72.8	79.9	79.9	80.0	30.0	80.0	80.0	80.0	80.0
	3000	75.8	31.2	83.7	85.1	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
.	3333			3311	0,11	3743	0,74,1	0.7.4	9347		0,4,	0,,,	07.0	7747
GE	2500	77.2	34.4	97.1	d8.3	89.0	89.2	29.4	39.5	89.5	89.5	89.5	39.5	39.5
	2000	37.1	95.4	33.4	90.6	91.2	91.5	91.7	91.8	91.3	31.9	91.9	91.9	91.9
	1900	80.2	25.5	33.6	90.9	91.4	91.7	91.9	92.0	92.0	92.2	92.2	92.2	92.2
GE	1500	81.2	35.9	30.2	92.6	93.5	94.0	94.3	94.4	94.4	94.7	94.8	94.8	94.8
GE	1200	32.4	38.5	91.9	94.7	95.7	95.5	97.0	97.2	97.2	97.5	97.6	97.6	97.6
GE	1000	32.4	38.7	92.6	95.5	96.7	97.4	98.1	98.3	98.3	98.6	98.7	98.7	99.7
3E	900	82.4	93.9	92.7	95.5	96.8	97.5	98.3	99.5	98.5	98.8	98.9	98.9	98.9
ĞĒ	800	82.5	39.1	93.0	95.9	97.2	98.1	98.8	99.0	99.0	99.4	99.5	99.5	99.5
SГ	700	82.5	89.1	93.1	96.0	97.3	98.2	99.0	99.4	99.4	99.7	99.8	99.8	99.8
GE	600	32.5	39.1	93.1	95.0	97.3	98.3	99.1	99.5	99.5	99.3	99.9	99.9	99.9
GE	500	32.5	99.1	93.1	96.0	97.3	98.3	99.1	99.5	99.5	99.3	99.9	99.9	99.9
g E	400	82.5	p + 1	93.1	36.0	97.3	98.3	99.1	99.5	99.5	99.B	99.9	39.9	99.9
GE	300	82.5		93.1	96.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	94.9	99.9
GE	200	82.5	89.1	93.1	96.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9
GE	100	82.5	89.1	93.1	95.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9
GE ••••	000	82.5	99.1	93.1	96.0	97.3	98.3	99.1	99.5	39.5	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

			VISIBILI										
	٥Ę	GĘ	GF	GE	G 5	GF.	GE	GE	GE	SE	GE	GE	GE
	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/9	1/4	0
• • •		• • • • • • •	• • • • • • •	••••	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •		••••	••••
. }	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
ذ	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
4	53.2	53.2	53.2	53.2	53 . 2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
4	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
1	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
4	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
5	58.4	53.4	58.4	58.4	58.4	53.4	58.4	58.4	53.4	58.4	58.4	58.4	58.4
3	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
1	54.3	64.4	64.4	64.4	64.4	54.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
J	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
,	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	57.2	67.2	67.2	67.2	67.2
. 5	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
ń	74.8	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
2	79.5	77.8	79.9	79.9	80.0	30.0	80.0	80.0	30.0	80.0	80.0	80.0	80.0
1	85.1	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
l	a8.3	89.0	33.2	89.4	39.5	89.5	89.5	89.5	39.5	89.5	89.5	89.6	89.6
4	30.6	91.2	91.5	91.7	91.8	91.3	91.9	91.9	91.9	91.9	91.9	92.0	92.0
5	90.9	91.4	91.7	91.9	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.3	92.3
7	92.6	93.5	94.0	94.3	94.4	94.4	94.7	94.8	94.8	94.8	94.8	94.9	94.9
•	94.7	95.7	95.5	97.0	97.2	97.2	97.5	97.6	97.6	97.6	97.6	97.7	97.7
	95.5	96.7	97.4	98.1	98.3	98.3	98.6	98.7	93.7	98.7	93.7	98.3	98.8
?	95.5	96.8	97.5	98.3	99.5	98.5	98.8	98.9	98.9	98.9	98.9	99.0	99.0
?	95.9	97.2	98.1	98.8	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.6
1	76.0	97.3	98.2	99.0	99.4	39.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9
1	95.0	97.3	98.3	99.1	99.5	99.5	99.3	99.9	99.9	99•9	99.9	100.0	100.0
1	96.0	97.3	98.3	99.1	99.5	99.5	99.3	99.9	99.9	99.9	99.9	100.0	100.0
1	75.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
1	96.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
1	96.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
1	95.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	99.9	9).9	99.9	100.0	100.0
1	96.0	97.3	98.3	99.1	99.5	39.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIS FROM HOURLY DOSEPVATIONS

				LST	TO UTC	+ 5	KENBACKE				MONTH:	MAY	080: 4 HOURS:	18-2
	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		VISIBILI				• • • • • •	• • • • • • •	• • • • • • •	• • • •
	N N	GE	GE	GE	GE		GE	GE.	SE	GE	GE	GE	GE	Ģ
-	51	7	6	5	4	3	2 1/2	2		1 1/4	î	3/4	5/3	1/
														• • • •
NO	CEIL	47.3	49.2	49.3	49,9	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50
~ ~	20000	55.2	57.5	58.9	59.5	60.3	50.4	60.4	50.4	50.4	60.4	50.4	60.4	60
	19000	55.2	57.5	53.3	59.5	50.3	50.4	60.4	50.4	50.4	50.4	50.4	60.4	60
	15000	55.2	57.6	59.8	59.5	60.3	50.4	60.4	50.4	60.4	69.4	60.4	50.4	50
	14000	55.4	57.8	59.0	59.7	50.5	60.6	50.6	50.6	60.6	60.6	60.6	60.6	60
	12000	56.8	59.2	60.5	61.2	62.0	62.2	52.2	62.2	62.2	62.2	62.2	62.2	52
-							-6-0							-
SE	10000	50.3	52.4	63.9	64.5	55.4	65.5	65.5	65.5	55.5	55.5	65.5	65.5	65
GF	9000	60.5	63.1	64.7	65.4	66.2	66.3	65.3	56.3	66.3	66.3	66.3	55.3	66
SF	3000	64.5	67.3	69.1	70.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71
GE	7000	55.4	58.2	70.0	71.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72
GE	6000	65.9	68.7	70.5	71.5	72.7	72.8	72.8	72.8	72.8	72.3	72.3	72.8	72
35	5000	67.2	70.0	71.3	72.3	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74
GE.	4500	69.2	72.3	74.2	75.3	75.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77
SE	4000	72.5	75.7	73.2	79.2	80.8	90.9	81.1	81.1	91.1	91.1	31.1	81.1	81.
ĞĒ	3500	75.1	73.4	81.3	82.7	84.3	84.5	34.7	34.7	84.7	84.7	84.7	84.7	34
ĜĒ.	3000	77.0	30.6	3. ਰੇ	85.3	87.2	87.4	87.6	37.6	87.6	87.6	87.6	87.6	87
•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		3000	0,7,0	4.742	~							3.40	٠.
3F	2500	73.5	82.5	25.6	97.7	90.2	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90
SE	2000	eo.o	34.0	97.1	89.5	92.4	92.7	93.3	93.4	93.4	93.5	93.7	93.7	93
? E	1800	80.0	94.0	37.2	89.7	92.5	92.8	93.4	93.5	93.5	93.7	93.8	93.8	93.
GE	1500	31.0	35.1	38.5	91.3	94.4	94.8	95.7	95.3	95.B	95.9	96.0	96.0	96
GE.	1200	31.5	35.7	89.7	92.7	95.9	96.3	97.4	97.6	97.6	97.7	97.8	97.8	97
g.e	1202	91.5	25.7	39.7	23.2	95.8	97.2	93.5	93.7	93.3	98.9	99.3	99.0	9.3
ģe	300	81.5	35.7	89.	93.2	96.8	97.2	94.5	93.7	29.3	98.9	99.0	99.0	99
ĠΕ	400	81.5	35.7	39.9	93.3	95.9	97.3	99.6	99.0	99.2	99.4	99.5	99.5	99
GE	700	81.5	35.8	90.0	93.4	97.0	97.4	98.7	99.2	99.5	99.6	99.7	99.7	99
ĞE	500	81.5	35.3	90.0	93.5	97.1	97.6	93.9	99.5	99.8	99.9	100.0	100.0	100
							, , , , ,				.,			
Ç=	500	81.5	25.8	90.0	93.5	97.1	97.6	93.9	99.6	99.9	99.9	100.0	100.0	100
GE	400	81.5	95.9	ൗറ•ാ	93.5	97.1	97.6	99.9	99.6	29.8	99.9	100.0	100.0	100
SE	300	81.5	35.8	90.0	93.5	97.1	97.6	98.9	99.6	99.9	99.9	100.0	100.0	100
GE	200	81.5	d5.9	90.0	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100
GΕ	100	31.5	35 . 8	90.0	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100
35	999	81.5	35.a	90.0	93.5	97.1	97.6	98.9	99.6	ગુળ વ	99.9	100.0	100.0	100
• • •	• • • • • •		· -				• • • • • • • • •		-					

TOTAL NUMBER OF OBSERVATIONS 930

-	AF NCII		CKENBACKE	R ANGB	JH		PERIOD MONTH:		ORD: 4		FEB 88		
		• • • • • • •	VISTBILI				• • • • • •	• • • • • • •	•••••	•••••	• • • • • •	• • • • • •	•••••
1 3	GF	GE	GE	SE	SE	Çı:	GE	GE	GE	GE	GE	GE	GE
	4	3	2 1/2	2		1 1/4	1	3/4	5/3	1/2	3/3	1/4	9
		• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••
B	49,9	50.1	50•2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
	#0 . 5	60.3	50.4	60.4	50.4	60.4	60.4	50.4	60.4	60.4	50.4	50.4	60.4
	79.5	50.3	50.4	60.4	60.4	50.4	50.4	50.4	60.4	60.4	50.4	60.4	60.4
	59.5	60.3	50.4	60.4	50.4	60.4	60.4	60.4	50.4	50.4	60.4	50.4	60.4
	59.7	60.5	60.6	60.6	50.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
	51.2	62.0	62.2	52.2	62.2	62.2	62.2	62.2	62.2	62•2	62.2	62.2	62.2
	54.5	55.4	65.5	65.5	65.5	55.5	55.5	65.5	65.5	65.5	65.5	65.5	65.5
	75.4	55.2	56.3	65.3	55.3	66.3	66.3	66.3	55.3	66.3	65.3	66.3	65.3
	70.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
	71.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
	71.5	72.7	72.8	72.8	72.8	72.8	72.8	72.3	72.8	72.8	72.8	72.8	72.8
	72.3	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
	75.3	75.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
	79.2	30.8	90.9	81.1	81.1	91.1	31.1	91.1	81.1	81.1	81.1	81.1	81.1
	§ 52 • 7 ·	84.3	84.5	84.7	84.7	84.7	84.7	84.7	84.7	94.7	84.7	84.7	84.7
	35.3	87.2	87.4	87.6	87.6	87.6	87.5	37.6	87.6	87.6	87.6	87.6	87.6
	7.7	90.2	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
	7.5	92.4	92.7	93.3	93.4	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7
	7 7.7	92.5	92.8	93.4	93.5	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8
	4 11.3	94.4	94.8	95.7	95.8	95.3	95.9	96.0	96.0	96.0	96.0	96.0	96.0
	92.7	95.9	96.3	97.4	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
	13.7	95.8	97.2	93.5	99.7	99.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0
	13.2	26.8	37.2	93.5	93.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.7
	3.3	95.9	97.3	98.6	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
	13.4	97.0	97.4	98.7	99.2	99.5	99.6	99.7	99•7	99.7	99.7	99.7	99.7
1	13.5	97.1	97.6	93.9	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	3.5	97.1	27.5	98.9	29.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
1	1 . 5 . 5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
1	1 3.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	9 13.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
1	, , , , ,	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
1	11.5	97.1	97.5	98.9	99.6	30.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
1	7												
••	• #30									. ,			
	I												

OPERATING LOCATION MAM USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBLE FROM HOURLY DISERVALIONS

STA	TION N	ପ୍ୟଞ୍ଜର:	724285		AAP NET	+ 5	KENBACKE				HTMCM	YAP	DRD: M. HOURS:	21-23
	LING	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •		/ISI3ILI				• • • • • •	• • • • • • •	• • • • • • •	• • • • •
	7 T.40	31-	gr.	βE	68	ge '	GE	36	5E	or.	GE	GE	្ ព	Ģ٤
	र र	7	5	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2
	••••								• • • • • •		• • • • • •		• • • • • •	
• • •	••••													
NO	CEIL	50.1	52.5	55.2	55.9	56.3	56.3	56.7	56.7	55.7	56.7	56.7	56.7	56.
	20000	54.9	54.3	51.3	52.4	63.0	53.2	63.8	53.3	63.3	63.3	53 ∙ 3	53.6	53.
	13000	54.7	53.3	51.3	62.4	63.0	53.2	63.9	53.8	53.0	53.8	53.5	63.B	63.
	16000	54.9	58.3	51.3	52.4	63.9	63.2	63.8	53.P	53.3	53. H	63.8	63.8	53.
GE	14000	54.9	54.3	61.3	52.4	63.9	53.2	63.8	53.A	53.9	53.8	53.3	63.8	63.
GĒ	12000	55.9	59.5	∪2. 5	63.5	64.2	54.5	65.1	55.1	65.1	65.1	65.1	65.1	65 •
	10000	53.2	51.9	65.1	56.1	57.3	57.3	57.B	6 7. 3	67.8	67.3	5 7. 8	57.8	57.
3E	10000	50.0	53.1	55 • 2	57.3	53.2	53.5	51.0	57.0	59.0	57.0	59.0	59.0	69.
GE.	8300	62.5	56.7	59 . 9	71.0	72.2	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73
95 95	7)00	63.5			72.0	73.2	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.
			57.7	71.0							75.5			
GE	6000	54.6	5∄•5	72.0	73.1	74.3	75.1	75.5	75.6	75.5	15.3	75.6	75.6	75 • (
GΕ	5000	35.5	70.9	74.2	75.3	76.5	77.3	77.3	77.3	77.5	77.5	77.3	77.3	77.
55	4500	60.2	73.1	75.5	77.6	77.2	80.0	82.5	37.5	30.5	30.5	30.5	80.5	80°
9E	4202	70.5	75.8	79.2	90.5	92.3	83.0	83.7	83.7	33.7	33.7	83.7	83.7	93.
, <u>c</u>	3500	73.1	73.6	82.4	93.9	35.5	36.2	96.9	35.9	36.9	86.9	36.9	36.9	86.1
ĜĒ	3000	14.9	20.5	34.3	35.3	37.6	89.4	59.1	39.1	89.1	39.1	39.1	39.1	97.1
		•	•											
JE	2500	75.9	31.5	35.7	37.2	39.2	70.1	91.1	91.1	91.1	91.1	91.1	71.1	91.
35	2000	75.3	12.5	35.7	38.5	30.2	91.7	92.4	92.3	92.3	92.3	92.3	32.8	92.
GE	1900	74.9	82.7	37.3	98.9	91.2	72.2	93.2	93.2	23.2	93.2	93.2	93.2	93.2
35	1500	77.3	33.7	38.5	91.2	93.7	94.5	95.)	95.9	95.9	75.7	95.9	95.7	95.
ĿΕ	1200	77.3	33.7	88.5	91.3	93.9	94.8	96.1	96.3	96.3	95.3	90.3	95.3	96.1
							- <i></i> -							
űΕ	1000	د . 77	43.7	50.0	91.7	34.7	75.7	97.0	97.2	97.2	97.2	97.2	97.2	97•
٩٢	9)1	77.3	33.7	32.3	31.7	34.7	25.7	37.1	17.3	37.3	77.3	97.3	97.3	77.
SE	200	72.0	93.9	36.3	91.9	95.4	96.6	98.0	34.4	99.5	98.5	98.5	93.5	98.4
G.F	700	73.7	33.3	33.9	32.0	95.5	96.3	93.4	99.0	39.1	99.1	97.1	99.1	99.
GE	500	73.0	33.3	66.9	92.0	95.6	95.9	98.5	99.1	99.2	99.2	99.2	99.2	9)
SE	500	79.0	3 3. a	58.9	32.0	95.5	97.1	93.3	99.7	99.3	99,3	99.3	99.9	9),:
35	400	74.0	93.9 93.9	00•7 48•9	12.0	95.3	97.1	98.9	97.9	100.0	120.3	100.0	100.0	100.1
G.E	300	73.0	33.8	34.3	92.7	95.2	97.1	98.9	29.9	100.0	100.0	100.0	100.0	100.
GE	200	78.0	33.8	53.9	92.0	95.3	97.1	98.9	99.7	100.0	100.0	100.0	100.0	100.0
GE	100	73.0	33.3	83.9	92.0	95.8	97.1	98.9	99.9	100.0	100.3	100.0	100.0	100.0
96	100	,,,,,	C • ر د	0007	72 4 U	7740	71 • 1	/U • 7	7707	100.0	100+0	10010	100.0	1000
ĢF	200	79.9	33.3	99.0	72.0	95.3	37.1	28.9	99.0	100.0	120.0	100.0	100.0	100.0
• • •		• • • • •	• • • • • • •	• • • • • •					• • • • • •		• • • • • •		• • • • • •	

TOTAL NUMBER OF JBSERVATIONS 930

And the second s

	TON MET		KENBACKE	R ANGB	াদ				DRD: M HOURS:		FE8 88		
• •	• • • • • •	• • • • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •
	3:	្វម	G E	t:	3.3.5.C	ÇE.	G.F	GE	Ģε	GĘ	GE	GE	GE
	4	3	2 1/2	2	1 1/2	1 1/4		3/4	5/1	1/2	3/3	1/4	0
• • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
	55.9	56.3	56.3	56.7	56.7	50.7	56.7	56.7	56.7	56.7	56.7	56.7	56 .7
	52.4	63.0	53.2	53.3	53.3	53.3	63.3	53.8	63. o	53.8	53.8	53.8	63.8
	. 2.4	63.0	53.2	63.9	53.8	53.9	53.3	53.9	63.ª	63.9	63.3	63.8	63.3
ţ	52.4	63.0	53.2	63.8	53.8	53.3	53.H	63.8	63.8	53.8	63.B	63.9	63.3
,	4.2.4	53.0	53.2	63.8	53.B	53.9	53.P	53.3	53.B	63.8	63.8	63.8	63.8
	53.5	64.2	54.5	55.1	55.1	55.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
		. 7 3	/ 3 3		, 3 .	2 9 0	/ T -			(3.2	. 7 3	170	
	35.1	57.3	57.3	57.3	57.3	57 . ∃	57.3	57.8	57.8	67.8	57.3	57.8	57.d
	57.3	53.2	53.5	51.7	52.2	59.0	69.0	59.0	59.0	67.0	59.0	69.0	69.0
	71.0	72.2	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
	72.0	73.2	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
	73.1	74.3	75.1	75.5	75.6	75.6	75.5	75.0	75.6	75.6	75.6	7 5.6	75.6
	75.3	76.5	77.3	77.3	77.3	77.3	77.5	77.∃	77.8	77.8	77.9	77.3	77.8
	77.5	73.2	30.0	27.5	30.5	30.5	30.5	30.5	30.5	80.5	30.5	30.5	80.5
•	80.5	32.3	83.0	83.7	83.7	33.7	33.7	83.7	83.7	83.7	93.7	83.7	83.7
	13.9	35.5	35.2	96.9	35.9	36.9	86.9	36.9	36.9	86.9	36.9	86.9	85.9
•	15.3	37.0	8g.4	53.1	39.1	39.1	89.1	39.1	39.1	37.1	39.1	89.1	39.1
,	17.3	37.2	70.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
	. 5	99.3	91.7	92. k	92.3	92.3	52.3	gg.a	92.9	92.9	92.9	92.3	92.5
,	44.j	91.2	72.2	93.2	23.2	23.2	93.2	93.2	93.2	93.2	93.2	93. ź	93.2
	71. <i>2</i>	93.7	94.5	95.)	95.0	95.9	75.7	95.9	95.9	95.9	95.7	95.9	95.9
	11.5	93.9	94.8	96.1	26.3	95.3	96.3	90.3	95.3	96.3	96.3	96.3	96.3
		.	3.5 3	27 0	07.3	0.7. 3	, 3 3	27 1	07.	03.3	07.3	07.3	07.3
	41.7	7 . 7	75.7	97.0	97.2	37.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	21.7	34.7	75.7	37.1	37.3	37.3	27.3	97.3	97.3	97.3	97.3	97.3	97.3
	21.9	95.4	95.5	98.9	94.4	99.5	98.5	98.5	98.5	98.5	99,5	98.5	98.5
•	12.0	75.5	96.3	93.4	99.0	39.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	92.9	95.6	95.9	98.5	99.1	99.2	99.2	99.2	99.2	97.2	99.2	99.2	99.2
	32.0	95.8	97.1	93.3	39.7	99.3	99.3	99.8	99.8	99.3	99.3	99.3	99.8
	12.3	75.7	37.1	33.)	9,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.7
	12.7	45.8	97.1	98.9	79.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	12.0	15.1	97.1	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	92.0	95.8	97.1	98.9	99.9	100.0	100.3	100.0	100.0	100.0	100.0	100.0	100.0
,	12.3	95.3	97.1	28.9	99.0	100.0	100.0	100.0	100.0	100.0	199.0	100.0	100.0
• •	• • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •

Υ

nn.

USARRIAG, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCUPRENCE OF CEILING VERSUS VIS FROM HOUSELY DESPRISHED.

				LST	TO UTC	+ 5	KENBACKE				HIMEM		JRS: ALL
	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		VISIBILI				• • • • • • •		• • • • • • • •
	1	C.F	g≠	95	GΕ	SE	GE	3-9	5141512 SE	55	3=	ĠĔ	GF
	Ęτ	7	4	์ร	4	3	2 1/2	2		1 1/4	ĺ	2/4	5/5
• • •	• • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • • •
ОИ	CEIL	43.4	45.6	47.5	48.7	49.5	49.5	50.2	50.4	50.5	50.5	50.5	50.6
	22222	40.9	51.0	53.2	54.7	55.7	55.9	55.4	55.4	55.7	55.3	56.9	56.3
	13000	49.2	51.0	53.2	54.7	55.7	56.0	55.5	56.6	55.7	55.3	55.9	56.7
	16000	4º,2	51.0	53.2	54.7	55.7	56.0	56.5	55.6	55.7	55.3	54.9	56.9
	14000	43.4	51.2	53.4	54.9	55.9	56.2	56.7	56.9	50.9	57.0	57.1	57.1
GE	12000	49.3	52.2	54.4	55.9	55.7	57.2	57.7	57.9	58.C	53.1	58.1	53.1
	10000	51.9	55.0	57.5	59.0	50.1	50.4	61.0	51.1	51.2	51.3	61.4	51.4
35	3000	52.7	55.9	54.4	50.0	61.1	51.4	42.0	52.2	52.2	45.3	42.4	52.4
GF.	9000	55.1	59.7	52.5	64.3	65.6	55.0	55.5	55.9	57.3	67.1	67.2	67.2
GE	7000	57.4	21.1	54.0	55.9	57.2	67.7	55.3	53.7	63.3	55.9	53.0	69.0
GΕ	6000	53.2	51.9	54.3	55.4	69.2	63.6	59.3	69. 6	67.7	69.3	70.0	70.0
ι; τ	6010	63.7	43.7	55.3	5c.3	72.4	70.9	71.5	72.0	72.1	72.2	72.3	72.3
35	4500	61.2	59.4	64.3	71.)	72.7	73.2	74.0	74.4	74.5	74.4	74.0	74.3
ŋ r.	4000	57.5	53.4	72.1	74.5	75.4	76.9	77.9	73.4	73.5	78.5	74. ⊣	7×.4
ĴĿ	35))	55.5	70.5	74.9	77.5	77.4	79.9	31.0	31.5	31.6	31.7	81.9	31.9
GΕ	3000	55.1	73.3	77.5	30.4	32.4	83.0	84.0	34.5	34.7	54 • ಚ	o5.0	35.0
3.5	25.))	57.	75.0	79.7	32.4	35.0	85.7	35.9	-7.5	3 7. 5	47.7	47.4	47.7
3,5	2000	7 7 . 9	75.5	31.2	14.5	37.1	97.3	39.1	37.7	39.3	10.0	90.1	30.1
3.5	1900	71.1	75.7	41.5	34.5	27.4	88.1	27.4	90.0	90.1	20.3	90.5	90.5
SE	1500	72.2	7 .4.0	33.1	36.7	87.4	90.2	91.7	92.4	92.5	92.7	92.9	92.3
ůΕ	1200	72.5	7:.4	# 4.1	ದರ•∪	91.0	91.9	93.5	94.3	94.4	94.5	94.9	प्रकास
25	1000	72.0	77.1	14.7	4து.4	72.7	92.)	34.7	95.6	25.	75.7	95.1	96.1
95	ふうり	73.0	77.2	2.4	49.)	92.3	23.2	95.1	75.0	35.2	75.4	95.5	34.5
J.E.	233	73.1	79.4	15.1	39.3	92.8	93.3	95.8	75.7	36.9	97.2	97.4	97.4
GE	700	73.1	70.4	35.2	87.5	73.0	94.0	96.3	97.4	97.5	97.7	93.1	73.1
GE	500	73.2	79.5	35.3	39.7	93.4	94.5	95.7	93.0	98.2	98.5	93.7	98.7
35	500	71.7	79.5	15, 1	٠ ٩. ٩	13.5	94.3	₹7•1	24.5	33.7	22.1	99.3	77.3
7, =	439	73. '	73.5	25.3	39.3	93.5	94.3	27.2	33.7	32.3	99.2	09.5	74.5
ς.F	300	72.2	79.5	35.3	40.3	93.5	94.3	97.2	93.7	99.8	99.3	99.5	99.5
GE	500	73.2	77.5	85.3	39. h	93.5	94.9	97.2	98.7	93.3	د .99	99.5	99.5
9E	100	73.2	79.5	85.3	⊈್•ದ	93.5	24.8	97.2	98.7	98.5	99.3	97.5	99.5
3r	,,,, ,,,,	74.?	79.5	25.3	19.1	73.5	94.5	97.2	73.7	၁၉၂၁	09,3	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 7440

AP PE! STU DI		KENBACKE	R ANGB	Эн			OF REC			FF8 88		
, • • • •	• • • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••
~ -	ĴΞ	GE	96	35	35	35	GE	GE	GF	GE	G ⊏	GE
	3	2 1/2	2	1 1/2	1 1/4	l	3/4	5/8	1/2	3/9	1/4	0
··· · 7	49.5	49.5	50.2	50.4	50.5	50.5	50.6	50.6	50 .7	50.7	50.7	50.7
· 7	55.7	55.9	55.4	55.5	55.7	55.3	56.¤	55.8	56.9	57.0	57.0	57.0
. 4.7	55.7	56.0	55.5	56.6	56.7	56.3	56.9	56.9	56.9	57.0	57.0	57.0
-4.7	55.7	55.0	55.5	55.6	55.7	56.8	56.9	56.9	56.9	57.0	57.0	57.0
3 → • 1}	55.)	55.2	56.7	56.9	50.9	57.0	57.1	57.1	57.2	57.2	57.2	57.2
200	55.7	57.2	57.7	57.9	58.0	58.1	58.1	58.1	58.2	58.3	58.3	58.3
••)	50.1	60.4	61.)	51.1	51.2	61.3	61.4	51.4	61.5	61.5	61.5	61.5
· ()	61.1	51.4	52.0	52.2	52.2	52.3	62.4	62.4	62.5	62.5	62.5	62.5
344.3	55. 6	55.0	55.5	55.9	57.0	57.1	67.2	67.2	67.3	67.4	67.4	67.4
>> 9	57.2	67.7	55.3	58 .7	63.3	68.9	07.0	69.0	69.1	59.1	69.2	69.2
35.6	55 . 2	63.6	59.3	59.6	69.7	69.3	70.0	70.0	70.1	70.1	70.1	70.1
• 3	77.4	70.3	71.5	72.0	72.1	72.2	72.3	72.3	72.4	72.5	72.5	72.5
11.)	72.7	73.2	74.0	74.4	74.5	74.6	74.3	74.3	74.9	74.9	75.0	75.0
74.5	75.4	76.9	77.9	73.4	78.5	78.5	78.8	78.8	78.9	78.9	74.9	79.9
77.5	73.4	79.9	31.0	31.5	31.6	81.7	81.9	31.9	32.0	82.0	92.1	92.1
, 1 , 4	32.4	93.0	64.0	34.5	64.7	84.3	85.0	85.0	35.1	35.1	35.2	85.2
* • •	35.0	35.7	35.9	47.5	37.5	47.7	97.9	37.9	P8.0	38.0	88.1	88.1
**• • · · · · · · · ·	47.1	87.3	39.1	39 .7	39.3	30.0	90.1	20.1	90.3	90.3	90.3	90.3
44.	47.4	88.1	24.4	99.0	90.1	20.3	90.5	90.5	90.6	90.6	90.6	90.6
. 7	33.4	30.5	91.7	92.4	92.5	92•7	92.9	92.9	93.0	93.0	93.1	93.1
• 4	91.0	91.8	93.5	94.3	94.4	94.5	94.9	94.3	94.9	94.9	95.0	95.0
•	?? . ?	32.3	34.7	35.A	25.7	75.7	95.1	96.1	95.2	96.2	95.3	95.3
•• 1	33.3	23.2	95.1	75.0	35.2	95.4	95.5	95.6	95.7	96.7	96.3	96.4
• 3	92.3	93.3	95.8	76.7	36.9	97.2	97.4	97.4	97.5	97.5	97.5	97.5
* • * *	13.0	94.0	96.3	97.4	97.5	97.7	93.1	98.1	98.3	98.3	98.3	98.3
7	73.4	94.5	95.7	98.0	93.2	98.5	93.7	98.7	98.9	98.9	99.0	99.0
	13.5	24.3	₹7•1	73.5	93.7	39.1	99.3	99.3	99.5	99.5	99.5	99.6
** 1	23.5	94.3	37.3	33.7	37.5	97.2	99.5	94.5	99.5	99.7	97.7	99.7
* • ¥	93.5	94.3	97.2	98.7	99.4	99.3	99.5	99.5	99.7	99.8	99.8	99.9
	93.5	94.9	97.2	98.7	98.3	99.3	99.5	99.5	99.8	93.8	99.8	99.9
· · "	93.5	94.8	97.2	98.7	98.8	99.3	99.5	99.5	99.8	99.8	99.8	100.0
• •	73.5	94.9	97.2	23.7	ရခွ္ခ	99.3	99.5	99.5	99.8	99.8	99.9	100.0
			• • • • • •									

7 - 2 - 45

1

OPERATING LOCATION MANUSAFETAC, ASPEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILI FROM HOURLY OBSERVATIONS

STATION N	IUMBER:		LST	to utca	+ 5	KENBACKE				PERIDO MONTH:	JUN	HOURS:	AR 79 - 00-02
CCTLING		• • • • • • • •	• • • • • • •	• • • • • •					MILES	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •
CEILING IN	G.F	GE	SE	GE	GE	VISIBILI GE	35	STATUTE		GE	GE	GE	GE
reet .~	7	5°	J.C.	<u>ه.</u> 4	9t 3				. GE		3/4		_
				4		2 1/2	2		1 1/4	1	3/4	5/9	1/2
• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••
NO CEIL	51.1	54.9	53.4	50.7	63.4	63.6	64.4	64.7	64.7	54.7	64.7	64.7	54.7
GE 20000	54.	58.3	53.4	55.9	53.5	69.1	70.0	70.3	70.3	70.3	70.3	79.3	70.3
SE 18000	84.0	5 H . R	53.4	55.9	68.3	69.1	79.0	70.3	70.3	70.3	70.3	70.3	70.3
SF 16000	54.2	รลิจ	53.4	55.9	68.8	59.1	70.0	70.3	70.3	70.3	70.3	70.3	70.3
SF 14000	55.1	59.1	53.8	56.2	69.1	69.4	70.3	70.7	70.7	70.7	70.7	70.7	70.7
GE 12000	55.8	59.3	64.4	65.9	69.8	70.1	71.0	71.3	71.3	71.3	71.3	71.3	71.3
St 10000	53.4	52.7	57.5	70.2	73.7	74.0	75.1	75.4	75.4	75.4	75.4	75.4	75.4
ვნ ფეტე	6).7	54.0	69.1	71.9	75.3	75.7	76.3	77.1	77.1	77.1	77.1	77.1	77.1
SE 8000	53.2	53.1	73.7	76.7	30.5	30.9	82.2	92.5	32.6	92.6	82.6	82.5	82.6
SF 7000	64.2	59.1	74.3	77.9	31.9	92.2	93.5	33.9	83.9	83.9	93.9	83.9	a3.0
GE 6000	54.5	59.4	75.2	73.3	32.3	82.7	84.0	84.3	54.3	84.3	84.3	84.3	84.3
GE 5000	55.7	70.5	75.7	79.9	34.0	34.3	35.7	C.05	95.0	36.0	36.0	35.0	36.0
35 4500	65.7	71.9	72.2	31.4	35.5	35.0	27.2	97.5	37.6	47.6	27.5	87.5	47.6
SE 4000	59.1	74.4	31.1	84.4	33.7	89.0	90.3	90.7	90.7	90.7	90.7	90.7	90.7
3500	40.3	75.1	31.3	95.1	39.7	90.1	91.9	92.3	92.3	92.3	92.3	92.3	92.3
6E 3000	70.7	76.0	33.2	36.5	91.3	72.2	94.1	94.7	94.7	94.7	94.7	94.7	34.7
ĢF 2500	71.4	75•	34.2	37.6	72.9	93.3	75.3	95.9	95.4	95.9	95.9	95.9	95.9
35 3000	71.3	77.3	원4 • 원	38.1	93.4	93.9	95.4	96.4	95.5	95.5	96.5	96.5	96.6
St 1800	72.0	77.4	35.0	88.3	93.7	94.1	95.1	95.7	96.8	92°8	96. A	95.3	95.4
35 1300	72.1	77.5	35.3	39.B	94.2	94.7	95.7	37.2	77. 7	97.7	97.7	97.7	97.7
GE 1200	72.1	77.5	35.3	33 . 3	94.2	94.7	76.7	97.4	97.9	97.9	97.9	97.9	97.9
103	2	,,,		3)	31. 1	01.0	07.3		a :	0 1 2	0:3	* · · ·	0) 2
56 1000 gr ngg	72•2 72•5	77.7 73.0	უ5•4 35•3	38.9 99.2	94.4	94•9 95•2	97.2 97.5	97.3	93.2 98.6	93.2 98.6	95•2 98•6	93.2 99.6	93.2 98.5
				-	34.3		-	93.1	-	-	_		
	72.5	74.0	વક્કું, છુ	89.2	94.3	25.2	97.5	99.1	98.5	99.5	98.5	98.6	98.5
	72.7	73.1	45.7	49.3	94.9	95.3	97.7	98.2	98.7	74.7	99.7	98.7	99.7
GE 600	72.7	78.1	35.9	57.3	94.9	75.3	97.7	98•2	98.7	98.7	98 .7	98.7	95.7
35 500	12.1	70.1	35.9	39.4	95.1	95.8	90.2	98.3	97.2	99.2	99.2	99.2	99.2
35 400	72.7	73.1	35.0	29.4 29.4	95.1	95.3	93.2	93.3	17.2	99.2	99.2	99.2	93.2
55 300	72.7	75.1	35.9	39.4	95.1	95.5	93.3	99.9	99.3	99.3	99.3	99.3	93.3
GE 200	72.7	73.1	95.9	39.6	95.3	95.0	98.6	19.2	99.7	99.7	92.9	99.9	99.9
GE 100	72.7	74.1	35.9	89.6	75.3	96.0	99.6	99.2	97.7	99.7	99.9	100.0	100.0
GC 190	1 6 4 1	1 1 1 1	5347	, 7 • · j	7747	75.0	7340	77 C	,,,,	77.1	7747	100.0	10010
3F 300	72.7	7 . 1	१५,०	39.5	35.3	94.0	73,5	21.2	99.7	29.7	99.9	100.0	100.0

TOTAL NUMBER OF DESERVATIONS 900

54€: }: +		ENBACKE	R ANGB	ЭН		PERIOD MONTH:		ORD: M		FE8 88		
	• • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
i.				STATUTE		GΞ	c c	GE	GE	GF	GE	GE
	ና 3	GE 2 1/2	SE .	0E 1 1/2	-		3/4	5/8	1/2		1/4	9 % ()
				1 1/2				7/7	1/2			
	••••	• • • • • • •										
53	.4	63.6	64.4	54.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
5.4	· 3	59.1	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
່າສ	. 3	69.1	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
53	. 9	59.1	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
53	. 1	69.4	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
57	• B	70.1	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
73	. 7	74.0	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
75	. 3	75.7	76.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
30	.5	30.9	92.2	32.6	32.6	92.5	82.6	82.6	82.6	82.6	92.6	82.5
31	. ?	92.2	83.5	93.9	83.9	53.9	93.9	83.9	83.9	83.9	83.9	83.9
32	. 3	82.7	84.0	84.3	84.3	84.3	84.3	84.3	34.3	84.3	34.3	84.3
3.4	. 0	44.3	35.7	46.3	95.0	86.0	86.0	35.0	36.0	36.3	35.0	36.0
• 5	• 5	35.0	97.7	37.5	37.4	3 7. 6	27.5	87.5	87.6	97.5	87.5	87.6
3.3	. 7	89.0	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
33	• 7	90.1	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
3.1	• 3	32.2	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
7.2	. 9	43.3	75.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
7 3	• 4	13.7	95.9	95.4	95.5	95.6	96.6	96.6	96.6	95.5	96.6	96.6
	. 7	94.1	95.1	95.7	96.8	95.8	96.8	96.8	95.8	96.8	96.8	96 • B
	• ?	94.7	95.7	37.2	37.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
) +	• 2	94.7	36.3	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
) ·	. 4	94.9	27.2	9 7. 3	93.2	93.2	93.2	98.2	93.2	98.2	98.2	98.2
	• ?	95.2	97.5	93.1	99.6	98.6	98.6	98.6	99.5	98.5	98.6	98.6
	• 3	25.2	97.5	99.1	98.5	98.6	98.5	98.6	98.6	98.5	98.6	98.6
	• ?	95.3	97.7	98.2	78.7	28.7	98.7	98.7	99.7	98.7	98.7	98.7
34	• 9	75.3	97.7	93.2	98 .7	98.7	98.7	98 .7	98.7	98.7	98.7	98.7
7)	. 1	95 a	90.2	95.3	93.2	99.2	99.2	99.2	99.2	99.2	99.2	99•2
	• 1	95.3	93.2	93.3	33.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	. 1	95.9	94.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	ڍ .	95.0	98.5	19.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
33	. 3	96.0	98.6	99.2	97.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
3.5	. 3	95.0	73.5	37.2	99.7	39.7	99.9	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION MAY USAFETAC, ASHFVTLLS NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIB FROM HOURLY OBSERVATIONS

STATION N	Mβê≼:	724285	LST	to utc	: + 5	KENBACKE	IR ANGB	Эн		:HTVCM	-	HOURS:	MAR 7 03-0
CEILING	• • • • • •	• • • • • • •		• • • • • • •		VISIBILI	TY TH	CTATHTE	MILES	•••••	• • • • • •	• • • • • • •	• • • • •
CEILING	ηe	95	95	G S	35	GF GF	GE .	GF	GE	GE	SE	SE	S
E E E A	7	, · .	5	4	3	2 1/2	2	_	1 1/4		3/4	5/3	1/
						*****						*****	
•••••	•••••		•••••		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		•••••	•••••	, •	•••••	••••	•••••	, • • • • • • • • • • • • • • • • • • •
NO CEIL	40.4	43.5	49.0	53.1	57.1	57.8	59.4	60.6	60.7	61.0	61.2	61.2	51
SF 20000	42.0	45.4	52.7	55.3	61.2	62.0	64.0	55.4	55.5	55.9	66.2	66.2	65
3E 18000	42.9	45.4	52.7	56.3	61.2	62.0	64.0	55.4	55.5	55.9	66.2	55.2	66
SE 15000	42.9	45.4	52.7	56.8	61.2	62.0	54.0	65.4	65.6	55.9	65.2	66.2	55
GE 14000	43.1	45.7	53.0	57.3	51.8	62.6	64.6	66.0	66.1	65.4	66.8	66.8	55
GE 12000	44.0	47.6	54.0	58.3	62.8	63.6	65.6	57.0	67.1	67.4	67.8	67.8	
SF 10000	45.3	50.0	56.7	61.0	65.9	66.7	68.3	70.3	70.4	70.B	71.1		71
35 9000	47.2	20°3	57.3	62.1	57.0	67.3	59.9	71.4	71.6	71.9	72.2		
GE 8000	52.1	54.3	61.7	56.2	71.8	72.6	74.9	76.4	75.6	77.0	77.3		
GE 7J39	51.3	55.3	62.7	67.5	73.2	74.0	76.4	78.0	73.1	78.6	76.9		
GE 6000	51.5	55.4	53.3	63.3	74.0	74 • 3	77.2	78 • 8	78.9	79.3	79.7	79.7	79
3F 5000	52.4	5,7.2	54.3	70.0	75.9	76.7	73.1	30.7	30.9	91.3	81.7	31.7	?1
35 4500	54.1	58.6	55.1	71.2	77.3	78 • 1	80.7	92.2	32.4	32.9	93.2	33.2	₹ 3
SE 4000	55.7	50.3	68.0	73.5	87.3	31.1	83.7	45.4	35.7	85.1	86.4	36.4	ዳኝ
GE 3500	55.5	51.0	58.7	74.3	91.7	82.4	85.1	97.0	87.2	87.5	83.1	38.1	સુત્ર
GE 3000	57.1	52.7	71.5	76.9	35.0	85.9	88.6	90.4	90.7	91.2	91.6	91.6	91
55 2500	57.3	63.6	71.9	77.3	35.3	47.2	99.9	91.9	92.1	92.7	93.0	93.0	03
SF 2000	50.4	64.1	72.4	78.5	87.1	38.0	99.9	72.9	93.1	93.7	94.0	-	
SF 1300	58.5	54.2	72.5	78.7	87.2	88.1	91.0	93.0	93.2	33.4	94.1	94.1	94
3 2 1500	53·7	54.3	72.9	79.2	38.0	89.0	91.9	93.9	94.2	94.8	95.1	95.1	95
GE 1200	59.9	94.5	73.1	79.4	35.7	39.8	92.9	34.9	95.3	95.9	95.2		
3F 1000	E 7 . 1	÷4.#	73.3	79.5	30.1	90.2	93.3	95.3	25.0	75.3	96.7		
3F 900	59.1	44.9	73.4	79.7	37.2	90.3	93.4	75.4	35.9	36.4	95.3		
SE 800	59.2	45.0	73.5	80.0	33.3	90.4	93.5	95.6	96.0	96.6	96.9	96.9	9:
GE 700	39.2	55.0	73.0	80.0	39.3	90.4	93.3	95.9	96.3	95.9	97.2	97.2	9.1
GE 500	59.2	95.0	73.0	30.J	99.3	90.7	94.0	96.1	95.6	97.2	97.6	97.6	9.
3 5 500	90.2	45.0	73.5	30.0	37.3	90.7	74.1	95.2	95.3	97.4	97.9	-	
400	33.2	45 • ^	73.5	~O.)	39.3	90.7	94.1	96.2	36 * a	77.4	47.4		
55 300	57.2	55.0	73.5	30.0	ศา.3	20.7	94.1	95.2	96.8	97.4	97.9	98.0	
GE 200	53.2	55. 0	73.5	80.0	37.3	90.7	94.1	90.3	96.9	97.3	98.3	98.4	
GE 100	59.2	65.J	73.0	30.0	89.3	90.7	94.1	95.3	96.9	97.9	98.4	98.6	9
35 303	50.2	68.O	73.6	50.)	37.3	93.7	94.1	95.3	36.9	77.0	93.4	99.6	

TOTAL NUMBER OF DOSERVATIONS - 000

ATION NAME TO TO JIC:		CKENBACKE	R ANGB	Эн		PERIOD MONTH:	OF REC	DRD: M. HOURS: (FEB 88		
• • • • • • • •	•••••	VISIBILI		STATUTE		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••
3 5	35	GE	GE	GE	GE	GE	GE	GE	GΕ	GE	GE	G.F.
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/3	1/4	Э
	• • • • •		• • • • •			• • • • • •		• • • • • •	• • • • • •	• • • • • • •		• • • • •
	•											
53.1	57.1	57.8	59.4	60.6	60.7	61.0	61.2	61.2	61.3	61.4	61.4	61.6
45.3	61.2	52.0	64.0	55.4	55.5	55.9	66.2	55.2	65.3	66.4	66.4	66.6
36•8	61.2	62.0	64.0	55.4	55.5	55.9	66.2	56.2	66.3	66.4	65.4	66.5
56.3	61.2	62.0	54.0	65.4	65.6	65.9	65.2	66.2	66.3	56.4	66.4	66.6
57.3	51.3	62.6	64.6	66.0	66.1	66.4	66.8	66.8	66.9	67.0	67.0	67.1
59.3	62.8	63.6	65.6	57.0	67.1	67.4	67.8	67.8	67.9	68.0	68.0	68.1
					0,12	•••	0,					• • • •
41.0	65.9	55.7	69.3	70.3	70.4	70.B	71.1	71.1	71.2	71.3	71.3	71.4
52.1	57.0	67.3	59.9	71.4	71.5	71.9	72.2	72.2	72.3	72.4	72.4	72.6
55.2	71.3	72.6	74.9	76.4	75.5	77.0	77.3	77.3	77.4	77.5	77.6	77.7
67.5	73.2	74.0	76.4	78.0	78.1	78.5	78.9	78.9	79.0	79.1	79.1	79.2
63.3	74.0	74.3	77.2	78.5	78.9	79.3	79.7	79.7	79.8	79.9	79.9	80.0
			_									
77.0	75.9	76 .7	79.1	39.7	30.9	31.3	81.7	31.7	91.9	31.9	81.9	82.0
71.2	77.3	78.1	30.7	92.2	32.4	32.9	83.2	83.2	83.3	33.4	93.4	83.6
73.5	37.3	31.1	83.7	85.4	85.7	96.1	86.4	36.4	86.6	86.7	86.7	86.8
74.3	91.7	52.4	85.1	37.0	87.2	87.8	83.1	38.1	88.2	88.3	98.3	88.4
75.9	35.0	85.9	88.6	90.4	90.7	91.2	91.6	91.6	91.7	91.3	91.3	91.9
77.3	35.3	97.2	89.9	91.9	92.1	92.7	93.0	93.0	93.1	73.2	93.2	93.3
72.5	37.1	88.0	99.9	02 . 9	93.1	93.7	94.0	94.0	94.1	94.2	94.2	94.3
78.7	87.2	88.1	91.0	93.0	73.2	93.8	94.1	94.1	94.2	94.3	94.3	94.4
79.2	35.0	89.0	91.9	93.9	94.2	94.8	95.1	95.1	95.2	95.3	95.3	95.4
77.4	33.7	39.8	92.9	94.9	95.3	95.9	96.2	96.2	96.3	96.4	96.4	96.6
79.5	37.1	90.2	93.3	25 • 3	25.9	96.3	96.7	96.7	96.8	96.9	96.9	97.0
79.3	37.2	90.3	93.4	75.4	35.3	36.4	96.8	96.8	96.9	97.0	97.0	97.1
⊸n•n	37.3	90.4	93.5	95.6	96.0	96.6	96.9	96.9	97.0	97.1	97.1	97.2
ტე•ე	33.3	90.4	93.3	95.9	96.3	95.9	97.2	27.2	97.4	97.6	97.6	97.7
30.0	39.3	90.7	94.)	96.1	95.6	97.2	97.6	97.6	97.8	97.9	97.9	98.0
23.5	47.3	90.7	94.1	95.2	75.3	77.4	97.9	97.9	98.0	98.1	98.1	98.2
~).)	39.3	90.7	94.1	96.2	96.9	77.4	97.3	97.8	98.0	98.1	95.1	98.3
30.0	89.3	20.7	94.1	96.2	96.8	97.4	97.9	28.0	99.4	98.6	98.6	98.9
55.0	37.3	93.7		96.3	96.9	97.3	98.3	98.4	98.9	99.0	99.0	99.7
	99.3	90 .7	94.1	95.3	96.9	97.9		98.6				
⊕0.J	37.3	70.1	94 • 1	7040	70.7	71.7	98.4	70.0	99.0	99.1	99.1	100.0
50.0	37.3	90.7	94.1	95.3	36.9	37.9	98.4	98.6	99.0	99.1	99.1	100.0
• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • •

OPERATING EDUCATION "A" USAFETAC, ACHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIB: SROW HOURLY OBSERVATIONS

STA	ATION !	илмаба:	724285	LST	to utc	: + 5	KENBACKE				HTMOM:	JUN	HOURS:	MAR 71 06-01
CET	LING	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •				STATUTE		• • • • • •	• • • • • •	• • • • • • •	• • • • •
	I LING	G.F.	GF	GE	GF		GE	38	GE		GE	GE	GF	G(
_	i. ¥ ≣e;†	7	5	5	4	3	2 1/2	2		1 1/4		3/4	5 / 9	177
• • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • •
NO	CEIL	33.1	37.9	43.8	47.2	51.2	53.2	54.8	55.6	55.9	56.1	56.1	56.1	56,
GΕ	20000	35.5	40.7	47.7	52.1	56.7	53.9	60 _• 8	51.8	52.2	52.7	62.7	52.8	52,
GF	12000	35.5	40.7	47.7	52.1	55.7	58.9	50.3	51.8	52.2	52.7	62.7	52.8	52.
GE	16000	35.6	40.7	47.7	52.1	55.7	58.9	60.8	51.8	52.2	62.7	62.7	62.8	62.
GE	14000	35.7	40.8	47.8	52.2	56.8	59.0	60.9	61.9	52.4	52.9	62.9	63.9	63.
GE	12000	36.5	41.9	49.3	53.8	53.4	60.8	52.7	53.7	64.2	64.7	64.7	64.8	
ĜE	10000	38.7	44.1	51.7	56.7	51.3	54.1	56.2	67.2	67.e	6₫•2	64.2	63.3	68.
ĢF	9000	30.0	44.4	52.0	57.2	62.4	64.3	66.9	67.9	5º 4	58.9	68.9		
ŚΕ	8000	43.8	49.7	53.6	54.1	69.7	72.3	74.3	75.9	76.4	75.9	76.9	-	77.
5=	7000	44.0	49.9	58.8	64.4	70.0	72.7	75.2	75.3	76.9	77.3	77.3		77.
GE	6000	44.2	50.3	59.5	65.4	71.0	73.7	76.2	77.3	77.9	78.3	73.3		73.
GΕ	5000	45.0	51.2	£0.5	65.7	72.6	75.2	75.1	79.2	73.9	30.3	5 0. 3	90.4	₹∪.
35	450)	45.3	51.6	60.9	57.1	73.0	75.8	73.3	90.1	30.9	31.2	81.2		91.
ĠE	4000	45.9	52.3	51.9	68.6	75.0	78.1	21.3	32.9	83.6	84.0	84.0		44.
ĠF	3500	41, 4	53.1	52.9	59.9	75.5	79.3	83.0	84.5	35.2	35.7	85.7		A5.
GE	3000	47.8	54.6	54.3	71.3	78.2	81.4	84.7	36.3	37.0	87.7	87.8		ტ3.
GE	2500	49.1	55.9	55.9	72.9	79.8	93.0	d6.2	88.1	33.8	89.4	89.6	89.7	ag,
G=	2000	50.3	55.9	57.1	74.1	31.2	84.7	33.1	90.0	20.7	91.3	91.6		21.
7,5	1900	50.0	57.0	57.2	74.2	91.3	84.8	89.2	90.1	90.8	21.4	91.7		91.
SE	1500	57.9	53.1	58.3	75.4	92.3	96.2	89.9	92.0	72.7	73.3	93.5		93.
ΰĒ	1200	51.3	58.7	69.0	76.3	33.9	37.3	91.3	93.4	94.1	94.3	95.0		35.
GE	1000	51.0	53.9	59.3	75.9	34.5	₽8•0	92.3	94.4	95.2	95.4	96.1	95.2	95.
3-	900	51.5	દ્યું ૧	59.3	77.0	84.8	38.4	92.3	94.9	25.7	25.4	95.7		95
G.F	900	51.5	59.0	59.3	77.5	34.8	88.6	93.0	95.1	95.0	96.7	96.9		97.
G.E	700	51.5	55.9	59.3	77.0	44.9	88.7	93.1	95.3	95.1	97.0	97.2		97.
GE	600	51.5	53.9	69.3	77.0	34.5	88.7	93.1	95.3	96.1	97.1	97.4		97.
GE	500	51.6	5J.9	69.3	77.1	85.1	39.0	93.4	95.7	95.4	97.5	97.9	98.0	93.
GE	400	51.5	53.9	59.3	77.1	85.1		93.4	95.7	95.4	97.7	98.0		93.
ŚΕ	300	51.5	53.9	59.3	77.1	35.1	89•0 89•0	93.4	95.8	96.6	97.9	93.5		98.
GE	233	51.6	53.9	59.3	77.1	57.1 55.1	39.0	93.4	95.9	96.7	93.2	99.0		
GE	100	51.5	58.9	69.3	77.1	35.1	39.0 39.0	93.4	95.9 95.9	96.7	98.2	99.0	_	99. 99.
3E	000		64.Q	52.3	77.1	35.1	59.0	03.4	25.9	76.7	98.2	99.0	_	99.
			• • • • • • •	*****			9740		,,,,		70+Z	7 e 17	****	7'74

TOTAL NUMBER OF DESERVATIONS 900

	AME: RIC C: + 5	KENBACKE	R ANGB	DH		PERIOD MONTH:		DRD: MA		FE3 88		
• • • • •	• • • • • • •	visiaiti	TV 1++ 4		MILES	• • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • •
G =		GE	3E	GE	GE	GĘ	GE	GE	GE	GF	GE	GE
4	3	2 1/2	2		1 1/4		3/4	5/8	1/2	3/9	1/4	0.
									1,4			
[
47.2	51.2	53.2	54.8	55.6	55.9	56.1	50.1	56.1	56.2	56 • 2	56.2	56.2
52.1	55.7	53.9	50.3	61.8	52.2	62.7	62.7	52.B	62.9	62.9	62.9	62.9
52.1	55.7	58.9	50.3	51.8	52.2	52.7	62.7	62.8	62.9	52.9	62.9	62.9
52.1	55.7	58.9	50.8	61.8	52.2	62.7	62.7	62.8	62.9	52.9	62.9	62.9
52.2	56.9	59.0	60.9	61.9	52.4	52.9	62.9	63.0	63.1	63.1	63.1	63.1
53.3	53.4	60.8	52.7	53.7	64.2	64.7	64.7	64.8	64.9	64.9	54.9	64.9
55.7	51.3	54.1	55.2	57.2	6 7. 8	6d•2	63.2	63.3	69.4	68.4	68.4	58.4
~7.3	52.4	64.3	55.9	67.9	58.4	58.9	68.9	69.0	69.1	69.1	69.1	69.1
54.1	57.7	72.3	74.3	75.9	75.4	76.9	76.9	77.0	77.1	77.1	77.1	77.1
54.4	70.0	72.7	75.2	75.3	76.9	77.3	77.3	77.4	77.6	77.6	77.6	77.6
-5.4	71.0	73.7	76.2	77.3	77.9	78.3	73.3	78.4	79.6	78.6	78.6	78.6
	71.0	1941	1012	,,,,	1112	13.5	1912	1017	10.0	1010	15.0	10.0
4.1	72.0	75.2	75.1	79.2	79.9	30.3	30.3	80.4	30.6	30.5	80.6	30.6
. 7.1	73.2	75.8	78.9	80.1	30.4	91.2	81.2	81.3	91.4	21.4	81.4	81.4
44.5	75.0	79.1	81.3	32.9	83.6	84.0	84.0	84.1	84.2	34.2	34.2	84.2
40.4	75.5	79.3	83.0	84.5	35.2	35.7	85.7	95.8	85.9	85.9	85.9	85.9
71.5	73.2	81.4	84.7	86.3	37.0	87.7	8.76	87.9	83.0	98.0	88.0	0.88
12.0	7+.3	₹3.0	ძ5.2	88.1	33.8	89.4	89.6	89.7	39.8	39.8	39.8	89.8
7.4.1	31.2	94.7	33.1	90.0	90.7	91.3	91.5	91.7	91.9	91.8	91.9	91.8
74.2	91.3	84.8	89.2	90.1	90.8	91.4	91.7	91.8	91.9	91.9	91.9	91.9
7-, 4	92.3	96.2	89.9	92.0	92.7	93.3	93.6	93.7	93.8	93.9	93.8	93.3
				93.4	94.1	· -		95.1	95.2	95.2	95.2	95.2
75.3	33.9	37.3	91.3	73.4	74.1	94.8	95.0	97.1	77.2	99.4	93.2	90 • 2
7-63	34.5	₽4.0	92.3	94.4	95.2	95.4	96.1	96.2	96.3	96.3	96.3	96.3
77.1	34.3	38.4	92.3	74.9	95.7	75.4	96.7	96.3	96.9	95.9	96.9	96.9
77.0	34.0	88.6	93.7	95.1	95.9	95.7	96.9	97.0	9 7.1	97.1	97.1	97.1
77.7	44.3	88.7	93.1	95.3	96.1	97.0	97.2	97.7	97.4	97.4	97.4	97.4
77.0	34+3	98.7	93.1	95.3	96.1	97.1	97.4	97.6	97.7	97.7	97.7	97.7
/7.1	85.1	39.0	93.4	95.7	95.4	97.5	97.9	98.0	93.1	93.1	98.1	98.1
77.1	85.1	39.0	73.4	95.7	95.4	97.7	99.0	98.1	98.2	99.2	99.3	98.5
77.1	35.1	39.0	93.4	95.8	96.6	97.9	93.5	98.7	78.8	98.8	98.9	99.1
77.1	55.1	39.0	93.4	95.9	96.7	93.2	99.0	99.1	99.3	99.3	99.6	99.8
77.1	35.1	39.0	93.4	95.9	96.7	98.2	99.0	99.1	99.3	99.3	99.6	100.0
• •	J	,,•0	/ 🍑 🖁 🐧		,5.,	,,,,,	,,,,,	,,•4	,,,,,	,,,,,	,,,,,	10010
77.1	35.1	89.0	03.4	25.9	96.7	98.2	99.0	99.1	99.3	99.3	99.6	100.0
	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •

OPERATING LOCATION: "A" USAFFTAC, ASMEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBEROM HOURLY OBSERVATIONS

N PETTATE	10M&E&:	724285		TION NAN TO UTC:		KENBACKE	IR ANGB	Эн		PERIOD MONTH:	DE REC	CORD: :	MAR 71 09-11
CEILING	. • • • • • •	• • • • • • • •	,		******	*********	TV IN	STATUTE	MILES	• • • • • • •	• • • • • •	• • • • • • •	•••••
IN	ក្នុក	3£	SF	G.F.	SE '	GE	GE SE	GE	GE	GE	GE	GE	Ş:
FEET	7	5	5	4	3	2 1/2	2				3/4	5/8	1/,
***											* * * * * *	•••••	
•••••			••••	••••	, • • • • • •	, • • • • • • •		•••••	••••	• • • • • •		, , , , , , ,	
NO CEIL	43.0	49.4	53.2	54.7	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55,
SE 20000	47.1	53.9	59.2	50.1	61.0	61.2	61.2	61.2	61.2	61.2	51.2	61.2	61.
GE 18000	47.1	53.9	58.2	60.1	61.0	61.2	51.2	51.2	51.2	61.2	61.2	51.2	51.
GE 16000	47.1	53.9	58.2	60.1	61.0	61.2	51.2	51.2	51.2	51.2	61.2	61.2	61.
GE 14000	47.6	54.3	53.∂	60.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	51,
GE 12000	48.4	55.7	60.2	62.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63,
3F 10000	50.2	59.2	52.9	54.9	66.1	55.3	55.3	55.3	66.3	66.3	66.3	66.3	66,
SF 9000	51.1	59.2	53.9	45.9	67.1	67.3	67.3	67.3	57.3	67.3	67.3		
GE 8000	55.2	54.3	69.3	71.4	72.8	73.0	73.0	73.0	73.0	73.0	73.0		
GE 7000	55.1	55.2	70.3	72.4	73.8	74.0	74.0	74.0	74.0	74.0	74.0		
GE 6000	55.3	56.3	71.6	73.7	75.0	75.2	75.2	75.2	75.2	75.2	75.2		
			•				• • • • •				-	-	· /
SE 5000	57.8	67.3	73.0	75.4	75.8	77.0	77.2	77.2	77.2	77.2	77.2		77.
GE 4500	50.7	59.0	74.4	77.0	73.5	78.3	77.0	79.0	79.0	79.0	79.0	79.0	79.
GE 4000	59.9	71.0	77.1	80.7	32.4	82.8	83.0	93.0	33.0	33.0	83.0	83.0) ×3.
GE 3500	60.3	72.0	78.6	82.1	33.9	34.3	84.7	34.8	34.8	84.8	34.8	84.8	3 84 ₄
GE 3000	51.3	73.5	30.3	84.2	86.3	86.8	87.1	37.2	87.2	87.2	87.2	87.2	37 ·
GF 2500	53.3	75.7	രമ പ	e 4 - 7	3-3 g	22.3	20. 6	00.7	2 0 7	20.7	20.7	30.7	
SF 2500 SF 2000	51.3 55.1		32.4	85.7	33.9	39.2	39.6	99.7	39.7	39.7	89.7		
35 2000 36 1800	55 • 1	77.2 77.2	34.9 84.9	39.1 39.2	91.2	91.9	92.3	92.4	92.4	92.4	92.5		
GE 1500					91.3	92.1	92.5	92.7	92.7	92.7	92.8		
GE 1509	66•2 66•7	73.4	36.4 37.2	91.8	93.9	94.7	95.2	95.3	95.3	95.3	95.4		
0E 1200	70 • 1	7 8.9	3 7. 2	92.F	95.1	95.9	96.6	96.7	96.7	96.7	96.8	96.8	95,
SF 1000	57.0	79.3	37.3	73.5	95.0	97.0	97.7	97.8	37.8	97.8	97.9	97.0	97.
35 300	67.1	79.4	39.0	93.3	96.3	97.3	99.1	93.2	38.2	98.4	99.6	98.6	वय,
SE 800	67.2	79.5	99.1	93.9	96.4	97.7	98.7	98.8	98.8	99.0	99.1	99.1	99,
GE 100	67.2	79.6	98.1	94.0	96.7	97.9	98.9	99.0	99.0	99.2	99.3	99.3	99,
GE 500	67.2	79.5	88•1	94.0	96.9	93.1	99.1	99.2	99.2	99.4	99.6	99.6	99,
GE 500	67.2	77.6	33.1	94.9	37.0	28.2	99.3	29.4	79.4	39.7	99.9	99.8	99.
GE 400	57.2	79.5	33.1	74.)	97.0	98.2	99.4	99.4	99.5	77•1 79•8	99.9		•
SE 300	67.2	79.6	39.1	94.9	97.0	93.2	99.4	99.6	99.6	99.9	100.0	_	
SE 200	57.2	79.5	88.1	94.0	97.0	98.2	99.4	99.6	97.6	99.9	100.0		
GE 100	57.2	79.6	33.1	94.0	27.0	98.2	99.4	99.5	99.5	99.9	100.0		
GL 100	3,12	1719	3901	77.0	71.0	70 • 6	7707	7743	77.0	77 • 7	100+0	100.0	100,
3F 000	57.2	79.5	a9.1	94.7	97.0	98.2	99.4	99.6	99.6	09.9	100.0	100.0	100.
• • • • • • • • •		• • • • • • • •	. .		• • • • • • •			• • • • • • •		• • • • • •	• • • • •	• • • • • • •	• • • • • •

TOTAL NUMBER OF JOSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ATION NAM		KENBACKE	R ANGB	Эн		PERIOD MONTH:		ORO: M HOURS:	_	FE8 88		
• • • • • • • •		VISIBILI				• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • •
G.F	SE	SE	SE	STATUTE		GE	e e	GE	GE	GF	GE	GE
4	3	2 1/2	2		1 1/4	9 ti		5/8	1/2	3/8	1/4	3
		11/4								,,,,		
			••••				. , , , , , ,			•••••		*****
54 .7	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55 .7	55.7	55.7	55.7
50.1	51.0	51.2	51.2	61.2	61.2	61.2	51 • 2	61.2	61.2	61.2	61.2	61.2
50.1	51.0	61.2	51.2	51.2	51.2	61.2	61.2	51.2	61.2	61.2	61.2	61.2
60.1	61.0	61.2	51.2	51.2	51.2	51.2	51.2	61.2	61.2	61.2	61.2	61.2
50.7	61.7	51.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
02.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	53.4	63.4
54.9	66.1	65.3	55.3	55.3	66.3	66.3	66.3	66.3	66.3	46.3	66.3	66.3
55.3	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
71.4	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
72.4	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
73.7	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
75.4	75.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
77.7	73.5	79.3	73.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
-0.7	32.4	82.8	83.0	33.0	33.0	33.0	83.0	83.0	83.0	93.0	83.0	83.0
-92.1	33.9	34.3	84.7	34.8	84.8	84.8	34.8	34.8	84.8	84.8	94.3	84.8
-4.2	35.3	85.8	87.1	37.2	87.2	87.2	87.2	87.2	87.2	87.2	97.2	87.2
~ 5 • 7	33.3	39.2	99.6	99.7	39.7	39.7	89.7	89.7	89.7	39.7	89.7	39.7
19.1	91.2	91.9	92.3	92.4	72.4	92.4	92.6	92.5	92.5	92.6	92.6	92.5
89.2	91.3	92.1	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
91.4	93.9	94.7	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
92.4	95.1	95.9	96.6	36.7	96.7	96.7	96.8	96.8	95.8	96.8	96.8	96.8
73.5	95.0	97.0	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
3 3. 3	76.3	97.3	99.1	93.2	38.2	93.4	98.6	98.6	98.6	98.5	98.6	98.5
43.9	96.4	97.7	98.7	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
94.0	96.7	97.9	98.9	99.0	97.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
94.3	95.9	93.1	99.1	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.5
14.9	27.0	28.2	99.3	29.4	79.4	79.7	99.9	99.8	99.8	99.8	99.9	99.8
74.)	97.0	99.2	99.4	99.6	99.5	79.4	99.9	99.9	99.9	99.9	99.9	99.9
34.3	97.0	93.2	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
94.0	97.0	98.2	99.4	99.6	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
74.0	97.0	93.2	99.4	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
94.7	97.0	98.2	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •

900

DPERATING LOCATION MAM USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI FROM HOURLY DESERVATIONS

STATION	NUMBER:	724295		TO UTC		KENBACKE	R ANGB	9#		PERIOD MONTH:		CORD: '	MAR 12-
CEILING	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •	• • • •
IN	95	.3:=	SE	G E	ΞE	GE	SE	GE	GE	GE	G S	GF.	ı
FEET	7	6	' <u> </u>	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1.
• • • • • • •	· · · · · · ·	• • • • • • •		· · · · · · ·									
	• •												
NO CEIL	43.0	45.0	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	4
GE 20000	43.3	52.0	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	51
SE 19000	47.3	52.0	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	5,
95 16090	43.3	52.0	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54
GF 14000	49.0	52.7	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	51
GE 12000	49.3	54.0	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	5
GE 10000	53.0	57.3	50.0	50.6	50.5	50.5	60.6	50.b	60.6	60.5	60.6	50.0	5:
SE 9000	54.0	58.3	51.0	51.5	51.6	61.6	51.6	51.6	61.6	51.6	61.5		
GE 9000	5≗.3	63.3	56.3	56.9	55.9	66.9	65.9	65.9	55.9	66.9	66.9	66.9	
GE 7000	59.7	53.P	56.3	67.3	67.3	67.3	67.3	67.3	57.3	57.3	67.3	67.3	5.
GE 5000	59.4	54.5	67.6	63.1	68.1	68.1	68.1	68.1	63.1	63.1	58.1	68.1	6.
GE 5033	51.7	57.4	70.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	7:
3E 4500	53.4	59.5	73.0	73.3	73.3	73.9	73.3	73.8	13.9	73.9	73.9	73.9	7.
SE 4000	65.5	73.2	77.1	78.4	73.7	78.9	79.9	73.9	79.0	79.0	79.0	79.0	7'
SF 3500	70.0	77.3	31.5	83.0	33.7	83.9	83.7	83.9	34.0	84.0	84.0	84.0	۱ج
GE 300)	74.2	32.1	36.7	88.3	59.0	89.3	89.3	89.3	89.4	89.4	89.4	89.4	81
GE 250)	76.2	34.7	39.5	92.0	92.7	93.0	93.0	93.0	93.1	93.1	93.1	93.1	9:
35 2000	77.4	३८.०	71.8	94.3	95.1	95.4	95.5	95.5	95.7	97.7	95.7	95.7	Ú:
35 1300	77.4	95.1	91.9	94.4	95.3	95.7	95.0	95.0	96.1	95.1	95.1	95.1	91
GF 1500	70.0	26.7	72.7	25.2	96.2	96.5	97.1	97.1	97.3	97.3	97.3	97.3	d .
GE 1200	7 3.2	37.3	93.7	95.3	97.6	98.1	98.3	98.8	39.0	99.0	99.0	99.0	9:
GE 1000	73.2	47.6	94.0	95.7	97.9	93.4	99.1	99.1	99.3	99.3	99.3	99.3	9:
წნ ფეი	73.3	37.7	34. ?	97.0	93.2	98.8	99.4	99.4	99.7	99.7	99.7	99.7	G.
\$E 800	78.3	37.7	94.2	97.1	93.3	98.9	99.5	99.5	79.9	99.9	99.8	99.8	Ġι
GF 700	70.3	7.7°	94.2	٩7.1	99.3	99.9	99.6	99.6	99.8	99.5	99.8	99.8	Ġ,
GE 500	78.3	37.7	94.2	97.1	98.3	98.9	99.6	99.5	99.8	99• ਖ	99.8	99.3	94
GE 500	79.3	37.7	94.2	97.1	93.4	99.0	99.7	99.7	99.9	99.9	99.9	99.9	10.
3F 400	79.3	37.7	94.2	97.1	99.4	99.0	99.7	73.7	33.3	39.9	99.9	99.9	101
SE 300	79.3	37.7	94.2	97.1	99.4	99.0	99.7	99.7	99.9	99.9	99.9	99.9	101
GE 200	73.3	37.7	94.2	97.1	98.4	99.0	99.7	99.7	99.9	99.9	99.9	99.9	100
GE 100	73.3	37.7	94.2	97.1	93.4	99.0	99.7	99.7	99.9	99.9	99.9		
35 <u>0</u> 00	72.3	17.7	34.2	37.1	98.4	99.0	99.7	99.7	77.9	99.9	99.9	99.9	101
• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • •			• • • • • •	• • • • •	• • • • • •	

TOTAL NUMBER OF DISERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

ATION NAMED TO THE		KENBACKE	R ANGB	ан		PERIOD MONTH:	OF REC	ORD: M HOURS:		FE8 88		
• • • • • • •	• • • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	•••••
g=	ΞE	GΞ	GE	GE	GE	GE	GE	GF	GE	GE	GE	GE
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	9
	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •
47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
50.6	50.6	63.6	60.0	50.0	60.6	60.6	69.6	60.6	50.6	60.6	60.6	60.6
51.5	51.6	61.5	61.6	51.6	61.5	61.6	61.5	61.6	51.6	61.6	51.6	61.5
56.9	55.9	66.9	65.9	56.9	55.9	65.9	66.9	66.9	66.9	56.9	56.9	66.9
57.3	57.3	67.3	67.3	67.3	57.3	57.3	67.3	57.3	67.3	67.3	67.3	67.3
63.1	55.1	53.1	58 .1	68.1	53.1	63 . 1	68.1	63.1	63.1	68.1	58.1	68.1
71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
73.3	73.3	73.9	73.3	73.8	13.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
73.4	73.7	78.9	79.9	73.9	77.0	79.0	79.9	79.0	79.0	79.0	79.0	79.0
23.7	33.7	43.9	33.7	83.9	34.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
38.3	37.0	89.3	89.3	89.3	89.4	89.4	29.4	89.4	89.6	89.6	89.6	89.6
92.0	92.7	23.0	93.0	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
34.3	95.1	95.4	95.5	95.6	35.7	95.7	95.7	95.7	95.8	95 · B	95.8	95.3
74.4	95.3	95.7	95.0	95.0	96.1	95.1	95.1	96.1	96.2	96.2	96.2	96.2
35.2	95.2	96.6	97.1	97.1	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
95.3	97.6	98.1	98.3	98.8	77.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
<i>+</i> 51 • 7	97.9	73.4	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
17.0	99.2	95.8	99.4	39.4	37.7	99.7	99.7	99.7	99.3	99.8	99.8	99.4
77.1	99.3	98.9	99.6	99.5	99.9	99.8	99.9	99.8	99.9	99.0	99.9	99.9
57.1	99.3	99.9	99.6	79.6	99.8	99.5	99.8	99.8	99.9	99.9	99.9	99.9
97.1	98.3	98.9	99.6	99.5	99.8	99.3	99.8	99.3	99.9	99.9	99.9	99.9
97.1	93.4	24.0	19.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
37.1	93.4	99.0	99.7	79.7	37.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0
∋7. 1	99.4	99.0	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
97.1	98.4	99.0	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
₹7.1	93.4	99.0	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
7.1	94.4	99.0	99.7	99.7	77.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •

OPERATING LOCATION "A" USAFFTAC, ASHFVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VERSU

STA	TION '	VეW3⊑6:	724285		TO UTC	-	KENBACKE	R ANGB	Эн		PERIOD MONTH:		CORD: M HOURS:
CET	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •				STATUTE		• • • • • • •	• • • • • •	• • • • • • •
-	N EIMB	Ç.E	; :	GE	G.E	3E	VISIBILI GE	5E	STATUTE SE	GE	GE	GE	GE.
	ET.	7	5	96 5	9 5	3 E	2 1/2	2	1 1/2	1 1/4	1	3/4	5 / 3
			<i></i>							• • • • • •		• • • • • •	
										-			
NO	CEIL	43.9	45.1	47.9	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
SE	20000	53.0	55.7	57.9	59.2	58.3	58.3	53.3	58.3	53.3	58.3	58.3	58.3
	13000	53.0	55.7	57.9	58.2	58.3	58.3	54.3	59.3	58.3	58.3	59.3	58.3
GE	15000	53.1	55.9	58.0	58.3	58.4	58.4	59.4	58.4	58.4	58.4	58.4	58.4
SE	14000	53.4	56.1	58.3	58.7	53.8	53.8	58.8	5ძ.3	53.8	58.3	58.8	58∙3
GE	12000	54.8	57.7	60.0	60.3	50.4	50.4	00.4	60.4	60.4	60.4	50.4	60.4
95	10000	57.1	50.2	53.0	63.4	53.6	63.7	63.7	53.7	63.7	53.7	63.7	63.7
CE	იტეტ	57.6	50.3	63.5	44.0	64.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE	9000	61.2	45.2	58.2	63.7	59.9	69.0	69.0	69.0	69.0	59.0	59.0	69.0
GE	7000	01.7	55.7	58.7	69.1	69.3	59.4	69.4	69.4	69.4	69.4	69.4	69.4
ĢE	6000	52.5	50.5	59.5	70.0	73.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
ĢĘ	5000	54.2	43.7	71.7	72.3	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7
SF	4500	55.3	70.0	74.5	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
SE	4000	70.3	76.7	30.7	91.4	31.9	82.0	82.0	32.0	82.0	82.0	82.0	82.0
GE	3500	74.4	□1 • 1	ძნ.7	36.8	37.2	37.3	3 7.3	97.4	87.4	87.4	37.4	37.4
GE	3000	77.5	34.€	59.7	91.1	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2
35	2500	77.3	35.7	92.3	93.9	95.0	95.1	95.2	25.3	95.3	35.3	95.3	95.3
75	3000	90.0	17.4	25.)	34.3	96.1	95.2	95.5	95.9	75.4	95.3	96.9	96. a
3.5	1900	87.0	97.4	92.9	94.3	95.1	96.2	95.6	96.8	36.0	95. a	96.9	95.9
Ģ€.	1500	30.5	33.4	94.0	95.1	97.4	97.6	98.0	98.3	98.3	93.3	93.5	98.6
ĞΕ	1500	30 . त	3લ.≱	94.7	95.5	93.1	93.3	95.3	99.1	3 7.1	99.1	99.3	99.3
ÇE	1000	41.7	29.1	34.3	97.1	93.6	93.4	91.2	47.5	30.K	29.6	07.5	90 . 3
3E	330	31.9	*** I	35.0	47.2	93.7	98.9	33.3	99.7	39.7	77.7	99.9	39.0
C.E.	900	91.0	39.1	95.9	97.2	93.7	93.9	99.3	99.7	70.7	99.7	ن•فق	a3. à
٥Ł	700	31.0	39.1	95.0	97.2	23.7	93.9	99.3	99.3	99.8	99.8	100.0	100.0
ÜÉ	500	31.)	39.1	95.0	97.2	93.7	93.9	99.3	99.3	99.3	99.3	130.0	100.0
G.E	500	41.0	-0.1	95. 0	97.2	93.7	95.9	99.3	99.9	10.3	39.4	100.0	122.2
7,5	477	91.0	* 7 · 1	75.7	77.2	73.7	9.9	99.3	77.7	97.a	79.4	100.0	100.0
ΩĘ	300	d1.7	39.1	95.0	97.2	99.7	98.9	99.3	၁ ၁, ც	ଜ୍ୟ କୁ	30.4	100.0	100.0
GE	200	31.0	39.1	95.0	97.2	93.7	93.9	99.3	99.4	99.8	99.3	100.0	100.0
GE	100	31.0	99.1	75. 0	97.2	93.7	93.9	99.3	79.3	99.8	9₹.3	100.0	100.0
ņr •••	3 00	41.0	~3.1	35.7	97.2	93.7	98.9	99.3	9 7. 3	99. ş	າລຸດ	100.9	100.0

TOTAL NURSER OF USSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

• • • • • •	• • • • • •			4	******	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
3 =	35	VISIBILI Ge	.1Y IN - 95	3141UTE 3E	GE	c c	GE	S€	G=	G E	GΕ	SE
, 4	3°:	2 1/2	2		1 1/4	95 1	3/4	5/3	1/2	3/3	1/4	96
• • • • • • •				1 1/2	1 1/4		,,,,,,,	*****				•••••
	(3.3		40.3	40.3		. (3 - 3	, 3 3		/ D 3	, a a	433	40 3
40.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
58.2	54.3	59.3	54.3	58.3	59.3	58.3	58.3	58.3	53.3	58.3	58.3	59.3
59.2	58.3	58.3	53.3	58.3	50.3	58.3	59.3	58.3	58.3	58.3	58.3	58.3
58.3	59.4	58.4	53.4	53.4	58.4	58,4	58.4	58.4	59.4	58.4	58.4	58.4
55.7	53.8	53.8	58.3	58.3	53.3	58.∂	58.8	58∙3	58.8	58.8	58.3	58.8
60.3	50.4	60.4	00.4	50.4	50.4	60.4	60.4	60.4	60.4	60.4	50.4	60.4
r.3.4	53.5	63.7	63.7	53.7	63.7	43.7	63.7	63.7	43.7	63.7	53.7	63.7
44.3	64.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	64.2	54.2	54.2	64.2
63.7	59.9	69.0	69.0	59.0	69.0	59.0	59.0	69.0	69.0	69.0	69.0	69.0
59.1	59.3	59.4	69.4	69.4	69.4	69.4	69.4	69.4	59.4	69.4	59.4	69.4
70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
72.3	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
7 1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
11.4	31.9	92.0	92.0	32.0	92.0	82.0	92.0	82.0	92.0	32.0	82.0	82.0
200 -	37.2	37.3	37.3	87.4	87.4	87.4	37.4	37.4	87.4	37.4	R7.4	37.4
91.1	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
23.	95.0	95.1	95.2	25.3	95.3	25.3	95.3	95.3	95.3	95.3	95.3	95.3
.4.3	$^{96} \cdot 1$	96.2	95.5	75.3	75.4	95.3	96.7	96.9	95.3	35.9	95.9	96.4
ાં 🛊 🛊 લ	95.1	96.2	95.5	96.8	96.0	75.9	96.9	95.9	96.9	95.9	96.9	96.9
10.1	97.4	97.5	98.0	98.3	98.3	98.3	93.5	98.6	98.6	93.6	98.6	98.6
3540	₹3.1	93.3	98.8	99.1	} }•1	99.1	99.3	79.3	99.3	99.3	99.3	99.3
17.1	23.5	93.8	99.2	97.6	93.6	09.6	99.5	97.8	90,8	99.A	વૃત્વ , સ્	99.4
.7.2	93.7	98.9	09.3	99.7	99.7	77.7	99.9	39.9	99.9	39.9	97.1	99,9
17.2	73.7	93.9	79.3	99.7	79.7	99.7	99.9	99.9	99.7	99.9	99.9	99.9
37.2	23.7	93.9	97.3	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
77 . 2	93.7	93.9	99.3	99.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
17.2	77.7	95.9	99.3	07.3) 0.4	39.8	100.0	100.0	100.0	100.0	100.0	100.0
17.2	33.7	99.9	9.3	99.3	90.4	79.4	100.0	100.0	100.0	100.0	100.0	100.0
77.2	99.7	98.9	99.3	39. 5	00. 8	79.B	100.0	100.0	100.0	100.0	100.0	100.0
27.2	93.7	93.9	99.3	99.9	39.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0
97.2	93.7	93.3	99.3	79.8	99.8	99.3	100.0	100.0	100.0	100.3	100.0	100.0
37.2	93.7	98.9	03.3	മാ. ദ	20.8	33.R	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION MANUSAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS

STATION	nnwaes:	7.24295	LST	יסדט מד	+ 5	KENBACKE				MONTH:		10URS: 14
0011 140	• • • • • •	• • • • • • •	• • • • • •	• • • • • •						• • • • • • •	• • • • • •	
CEILING		3.5		5.5		ALZĪBIFI				25	.	GE
1.4	2.5	', -	65	G te	35	SE	GE	SE.	r, F	GF.	SE	*
គគព្ <i>ត</i>	7	4	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/5
• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •
NU CEIL	48.4	50.4	52.7	53.⊀	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 20000	53 . 2	51.1	53.ა	65.2	65.6	55.5	55.6	05.5	55.5	65.5	55.5	55.5
วะ โลกาก	54.3	51.1	53.3	45.2	65.6	55.5	65.5	55.6	65.5	45.5	65.5	65.6
GE 16000	58.5	51.3	54.0	55.4	55.3	55.8	65.3	55.9	55.9	55.8	65.8	65.8
GF 14000	59.1	52.0	64.7	66.1	65.4	66.4	55.4	55.4	66.4	55.4	65.4	55.4
GE 12000	50.3	53.3	00.1	67.5	53.0	63.0	55.0	58.0	65.0	63.0	64.0	68.0
					-							
35 10000	23.7	37.3	71.0	72.4	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
35 3000	67.3	62.3	71.7	73.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 4000	67.4	72.9	75.7	78.1	79.3	79.4	79.4	79.4	19.4	79.4	79.4	79.4
35 7000	67.9	73.4	77.2	78.7	77.9	30.0	80.0	80.0	30.0	80.0	a).0	30 . 0
GE 5000	54.	74.0	77.9	79.4	30.7	80.8	30.3	30.8	30.3	80.5	80.8	30.3
•												
GE 5000	70. •	75.7	90.7	52.4	34.1	84.2	34.2	34.2	34.2	54.2	34.2	54.2
50 4577	71.4	71.0	32.1	33.9	35.7	85.3	95.3	२५. ४	35.0	उहा• च	45.8	55.4
35 4000	72.1	90.0	35.3	97.3	87.2	99.3	99.5	99.5	39.5	39.5	29.5	39.5
3500	75.4	22. H	27.5	39.3	91.3	91.3	92.1	22.1	92.1	92.1	92.1	92.1
JE 3000	15.)	34,4	39.3	91.3	74.3	94.4	94.3	94.3	94.5	94.8	94.8	94.8
36 2500	70.3	وم 🚓 🙀	31.5	94.1	95.9	97.0	97.3	97.3	97.3	97.3	97.3	47.3
3F 2000	77.7	37.5	32.3	75.4	93.2	93.3	93.7	93.7	28.7	23.7	98.2	ા મે* ન
35 1900	79.7	37.5	92.8	95.4	93.2	98.3	93.7	98.7	98.7	98.7	98.8	এপ " ন
35 1510	20.1	3 J • 1	93.3	36.1	99.9	99.0	97.3	99.3	99.3	99.3	99.4	99.4
98 1200	0.2	33.2	93.5	96.3	99.1	99.2	99.0	99.5	39.6	99.5	99.7	99.7
3€ 193)	ے والے	5 (2	43.5	₹6.3	91.1	93.2	97.5	99.6	99.5	99.5	99.7	94.7
95 399	10.2	30.0	92.5	∂5.3	99.1	99.2	99.5	99.6	37.6	99.6	39.7	79.7
95 490	97.2	વળ. ુ	73.5	36.3	99.2	99.3	99.7	99.7	99.7	22.7	99.4	33° 6
95 700	80 . 2	33.2	23.5	95.3	99.2	99.3	99.7	99.7	97.7	99.7	99.8	94.5
JF 500	90.2	34.2	93.5	45.5	99.2	99.3	99.7	99.7	33.7	94.7	99.6	99.5
•			• -									
Gc 530	.0.2	33.3	93.6	95.3	99.2	99.3	99.7	79.3	99.8	99.5	99.4	99.7 1
35 400	9.0		13.6	00.3	33.2	99.3	99.7	99.4	39.3	99.4	99,9	99.0 1
35 300	40.3	39.5	93.5	96.3	99.2	99.3	09.7	99.9	99.3	99.4	99.9	99.9 1
SE 200	2 . ز	3 4 . 2	93.0	95.3	17.2	99.3	99.7	99.3	97.3	99.3	99.9	99.9 1
GE 100	50.2	35.2	93.5	96.3	97.2	99.3	99.7	99.8	97.0	99.4	99.9	99.9 1
	_		•				=					
35 300	27.2	11.2	73.5	75.1	97.2	99.3	09.7	77.9	39.3	29.4	39.0	99.9 1

TOTAL NUMBER OF PRSERVATIONS 900

1

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

TEON NOTE	: + 5					PERIOD MONTH:	OF REC	೧RD: ™ HOURS:		FEB 88	:	
• • • • • •					411.00	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •
ĵ		35 A 1 2 1 2 1 1 1 1	GE GE	STATUTE	GE	GE	SE	GE	GE	GE	GE	GE
4	3'. 3	2 1/2	2		1 1/4	1	3/4	5 / 8	1/2	3/4	1/4	0.0
				. 173		=				,,,	1/4	
									•••••		•••••	
53.⁴	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
55.2	55.5	55.5	55.5	05.5	55.5	65.5	65.5	65.6	55.6	55.5	55.6	65.6
45.2	55.5	55.5	65.5	55.6	65.5	45.6	65.5	55.6	65.6	55.5	55.5	65.5
55.4	55.8	55.8	55.3	55.8	55.8	55.8	65.8	65.8	65.3	65.8	65.8	65.8
45.1	65.4	65.4	55.4	55.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
57.5	53.0	63.0	55.0	58.0	63.0	63.0	68.0	68.0	63.0	58.0	68.0	68.0
72.4	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
73.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
7-1	73.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
73 .7	79.9	30.0	90.0	80.0	30.0	80.0	80.0	30.0	50.0	3Ó.0	30.0	80.0
79.4	30.7	d 0. 8	30.3	30.8	30.3	30.3	80.8	30.3	33.8	80.B	30.8	30.8
1			30.3		333.7							
1	3-1	84.2	44.2	34.2	34.2	84.2	84.2	54.2	84.2	34.2	34.2	84.2
-3.)	35.7	35.3	95.3	25.3	35.3	35.4	45.ª	95.9	85.3	35.8	85.8	85.3
7.3	87.2	99.3	34.5	39.6	39.5	29.5	29.5	39.5	89.7	89.7	89.7	89.7
19.3	91.3	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2
91	74.3	94.4	94.3	94.9	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
1	25.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
15.4	93.2	93.3	93.7	93.7	98.7	23.7	98.4	ด์ผู้สั	09.9	98.9	99.9	98.9
વર્ક 4	93.2	98.3	99.7	98.7	98.7	98.7	99.8	98.8	99.9	98.9	98.9	98.9
19.1	93.9	99.0	97.3	97.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6
15.3	99.1	99.2	99.0	99.5	99.6	99.5	99.7	99.7	99.8	99.9	99.8	99.8
4 5 4	} ! • 1	93.2	99.5	19.6	37.5	99.5	99 .7	99.7	99.8	29.3	99.3	99.8
3	97.1	99.2	99.5	99.6	99.6	99.6	99.7	29.7	99.8	99.3	99.3	99.1
45.3	93.2	99.3	99.7	99.7	99.7	29.7	99 8	92.8	ရရ ၄	99.9	99.9	99.9
0.5	99.2	99.3	92.7	92.7	99.7	99.7	99.R	99.8	99.9	99.9	99.9	99.9
33.5	93.2	99.3	99.7	99.7	99.7	94.7	99.8	99.8	99.9	99.9	99.9	99.9
				, , • •	,,,,,	,,,	,,,,,	,,,,	,,,,	,,,		
3.03	33.2	99.3	99.7	79.3	99∙લ	99.5	99.9	99.7	100.0	100.0	100.0	100.0
76 • 3	33.5	99.3	99.7	93.н	30.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0
25.3	97.2	99.3	99.7	99.8	30.3	99.4	99.9	99.9	100.0	100.0	100.0	100.0
95.3	77.2	99.3	99.7	99.3	97.8	99.3	99.9	99.9	100.0	100.0	100.0	100.0
95.3	97.2	99.3	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
15.3	97.2	99.3	99.7	22.9	39,3	39.8	79.9	99.9	100.0	100.0	100.0	100.0
	• • • • • •	• • • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •

500

OPERATING LOCATION MAM-USAFFTAC: ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBLE FROM HOURLY OBSERVATIONS

STATION N	AABES:	774295		'AN NCI' 'STU OT		KENBACKE	R ANGB	Эн		PERIOD MONTH:		CORD: '	449 76 21-23
CEILING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		VISIBILI				• • • • • • •	• • • • • •		• • • • •
IN	ζε		G.E	G⊬		SE	35	SE	GE	GE	SE	7.5	95
हर्ने ग ्र	7	د	5	4	3	2 1/2	2		1 1/4	_	3/4	5 7 a	1/2
• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • •		• • • • •	• • • • • •	• • • • • •		
NO CEIL	53.7	50.2	58.∂	60.3	51.6	51.6	61.7	61.7	61.8	51.9	61.9	51.9	61.
SF 20000	50.0	52.2	55.3	67.2	68.7	63.7	58.3	53.8	69.7	67.0	69.7	69.0	59.
GE 19000	57.7	52.2	55.3	67.2	53.7	68.7	53.3	59.3	59.9	59.0	69.0	69.0	59.
SE 16000	59.0	52.2	65.3	57.2	58.7	68.7	53.3	69.8	53.9	69.0	69.0	67.0	59.
GE 14000	59.0	52.2	65.3	67.2	68.7	68.7	68.3	5a.a	63.9	69.0	69.0	69.0	57.
GE 12000	50.0	53.2	56.3	63.2	59.7	69.7	59.8	69.3	69.9	70.0	70.0	70.0	79.
35 10000	57.4	67.0	72.3	72.1	73.2	73.9	74.1	74.1	74.2	74.3	74.3	74.3	74,
65 2000	54.4	53.2	71.5	73.5	75.3	75.3	75.5	75.5	75.7	75.3	75.9		75.
SE Phon	57.7	71.9	75.7	73.1	30.5	80.7	37.9	30.9	31.0	°1.1	81.1		41.
GE 7000	53.2	72.4	75.3	73.9	31.3	31.4	81.7	31.7	31.8	61.9	81.9		81.
GF 6000	57.5	73.9	78.4	31.0	33.7	83.8	34.0	34.0	54.1	84.2	84.2	_	54.
3F 5333	72.1	74. R	72.	22.3	25.2	36 3	0 = 3	n t 7	35 0	37.0	24 0	37.3	
95 4500	71.3		77.3	92.3	45 . 2	35.3	95.7	25.7	35.9	36.0	96.0		35€
GE 4000	71.4 72.9	75.9	31.1	44.3	37.2	37.3	84.0	ત્રર . 0	34 * 3	6 A . 3	98.3 01.3		93.
· · · · · · · · · · · · · · · ·		77.5	33.4	96.5	99.0	90.1	90.9	30°0	91.1	91.2	91.2	-	91.
GE 3500 GE 3000	73.5 74.3	7-:-4 79:-4	34.9 35.3	34.0	91.9	92.1	92.9	92.9	93.1	93.2	93.2		93.
GE 3777	14.3	17.4	53+3	∌0.0	94.3	94.6	95.7	95.7	95.9	95.0	96.0	96.0	٩٥٠
3 5 2500	75.0	22.4	37.4	91.1	95.7	25.9	97.1	97.1	97.3	97.4	97.4	97.4	97.
3003	75.7	91.1	90.3	32.3	95.3	97.0	93.2	93.2	77.4	20.6	99.5	98.5	26
SE 1400	76.7	41.1	37.3	92.2	95.8	97.0	98.2	99.2	98.4	98.6	98.5	98.6	વશ્
3E 1500	76.1	31.5	35.9	92.9	97.4	97.7	98.9	98.9	99.1	99.2	99.2	97.2	99.
2E 1500	76.1	21.5	ძმ.9	92.9	97.4	97.8	99.0	99.0	99.2	97.3	99.3	99.3	991
ge 1000	75.1	51.6	38.9	73.0	27.5	97.9	99.1	22.1	39.3	27.4	çq .4	39.4	രം
ດະ ກວັງ	74	1.7	33.2	93.3	97.9	98.2	99.4	20.4	29.7	ဂ္ဂ္ဂ	79 A	-	93.
ar egg	75.2	1.7	99.2	73.3	27.9	98.2	99.4	99.4	39.7	99.0	99.9		99
65 700	75.2	:1.7	99.2	93.3	97.9	93.2	99.4	99.4	79.7	99.8	99.5		99.
SE 500	75.2	51.7	33.2	93.3	97.9	98.2	99.6	99.6	99.8	99.9	99.9		99.
GE 500					27.0	0.0	22 (00.4			20.0		0.0
	74.2	1.7	49.2	73.3	37.0	98.2	97.5	99.6	99 . 3	99.5	99.9		99,
55 400 65 300	74.2	11.7	77.2	93.3	77.9	95.2	99 .7	99.7	99.9	100.0	100.0		100.
	75.2	31.7	?9.2	43.3	37.9	98.2	99.7	99.7	99.9	100.0	100.0		100.
GE 200	76.2	11.7	59.2	93.3	37.9	98.2	99.7	99.7	99.9	100.0	100.0		100.
GE 100	75.2	d1.7	89.2	93.3	97.9	98.2	99.7	99.7	99.7	100.3	100.0	100.0	100.
3F 301	75.2	31.7	37.2	93.3	37 . °	98.2	93.7	99.7	99.9	100.0	100.0	100.0	100.

TOTAL NUMBER OF DESERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	™E: RIC : + 5	KENBACKE	R ANGB	Эн		PERIO(CORD: N		• FEB 88	3	
<u> </u>	• • • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	• • • • • •
	GE	GE	SE	SE	GΞ	GE	SE	G =	GE	GE	GE	GE
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/9	1/4)
	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	•••••	• • • • • •
03.3	51.6	51.6	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
7.2	53.7	63.7	69.9	59.8	63.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
7.2	53 .7	68.7	53.3	53.8	54.7	59.0	69.0	69.0	69.0	69.0	69.0	69.0
7.2	53.7	68.7	68.8	53.8	63.9	69.0	69.0	69.0	69.0	69.0	59.0	69.0
1.2	63.7	68 .7	68.3	58.8	63.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
. 3 - 3	59.7	67.7	59.3	69.3	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
12.1	73.7	73.9	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
13.5	75.3	75.3	75.5	75.5	75.7	75.3	75.3	75.3	75.3	75.8	75.8	75.9
73.1	30.5	80.7	37.9	39.9	81.0	91.1	81.1	91.1	81.1	81.1	81.1	81.1
14.7	31.3	81.4	81.7	81.7	31.3	81.9	81.9	81.9	81.9	81.9	31.9	81.9
1.0	33.7	83.8	84.0	34.0	54.1	84.2	84.2	84.2	84.2	34.2	34.2	84.2
	45.2	85.3	95.7	⁹⁵ .7	35.9	36.0	36.0	86.0	36.0	96.0	86.0	96.0
*.)	37.2	87.3	89.0	80.0	34.2	68.3	88.3	88.3	88.3	88.3	≥8 .3	88.3
15.3	99.0	90.1	90.9	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
- 🔭	91.9	92.1	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
17.9	94.3	94.6	95.7	95.7	95.9	95.0	95.0	96.0	96.0	96.0	96.0	96.0
1.1	3 5.7	95.9	97.1	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
3.3	96.3	97.0	93.2	93.2	74. 4	98.5	93.5	98.6	28.5	98.6	98.6	98.6
11.2	95.3	97.0	98.2	99.2	98.4	98.6	98.5	98.6	98.6	98.6	98.5	98.6
13.4	37.4	97.7	98.9	98.9	29.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
· ? • ?	97.4	97.8	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
١.)	37.5	97.9	97.1	22.1	29.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
. a	37.7	98.2	99.4	97.4	99.7	99.9	19.8	99.8	91.8	99.8	99.3	99.8
13.3	97.9	98.2	99.4	99.4	29.7	99.0	99.5	99.8	99.3	99.8	99.8	99.8
. 5 . 3	97.9	93.2	99.4	99.4	79.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
. 5 . 3	97.9	98.2	99.6	99.6	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1,3	27.0	98.2	99.5	99.6	99.8	99 . 9	99.9	99.9	99.9	99.9	99.9	99.9
.3.3	27.9	95.2	29.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3.3	37.3	98.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
13.3	17.9	98.2	99.7	92.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
13.3	97.9	98.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
									.00.0	.00.0	20010	10010
)),;	37.0	99.2	93.7	99.7	39,3	100.0	100.0	190.9	100.0	100.0	100.0	100.0
				• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •

OPERATING LOCATION MAM USAFFTAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL FROM HOURLY DOSERVATIONS

				LST	TO UTC	+ 5			Эн		HINDM		JRS: ALI	\¥ 78 ·
	ILING	• • • • • •			•••••				STATUTE		• • • • • • •	• • • • • • •	• • • • • • •	• • • • •
	ILING IN	5	35	3-	G =		OF CF	SE SE	GE	65	G≓	GE	GE	3E
	1 . 35 7	, 7	, - 5	, .	4	3	2 1/2			1 1/4		3/4		
				· • • • • • •				2					5/5	1/2
•••	• • • • • •	• • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • •
NO	CEIL	44.5	48.1	51.5	53.2	54.8	55.2	55.7	56.0	56.1	56.2	56.2	56.2	56.2
65	20000	49.7	53.3	57.9	50.0	51.9	62.3	02.9	63.3	53.3	63.5	63.5	63.5	53.5
gε	13000	40.9	63.3	57.7	50.0	51.9	62.3	62.7	53.3	53.3	63.5	63.5	63.5	63.5
SE	15000	40.9	53.3	58.0	50.1	51.9	62.3	53.0	63.3	53.4	63.5	63.5	53.6	63.5
3c	14000	50.3	54.2	58.4	50.5	62.3	62.8	53.4	63.7	53.8	53.9	64.0	64.0	64.0
GΕ	12000	51.2	55.4	59.5	51.B	63.7	64.1	54.8	65.1	65.2	65.3	65.3	65.4	65.4
ű£	10000	53.)	5 4. 4	62.9	65.2	57.3	6 7. 3	55.5	68.9	57.0	69.1	69.1	69.1	69.2
3.	2002	54.5	59.3	63.3	55.2	53.4	68.B	59.5	57.9	70.0	70.1	70.2	70.2	70.2
G.F.	3000	51.4	53.7	58.8	71.3	73.8	74.3	75.1	75.5	75.6	75.7	75.8	75.3	75.9
ĢĘ	7000	5).)	54.4	59.4	72.7	74.5	75.1	75.0	75.3	75.4	76.6	76.6	76.5	75.5
GE	6000	59.5	55.1	70.4	73.0	75.6	76.2	77.0	77.4	77.5	77.6	77.6	77.5	77.7
GE.	5000	51.0	55. J	72.3	75.1	77.3	75.4	79.3	79.7	79.3	79.7	30.0	80.0	50.0
7,5	4577	62.1	55.2	73.3	76.7	79.5	80.1	41.1	41.5	31.5	91.4	91.5	91.0	د . [د
G E	4000	64.2	70.8	75.4	90.1	93.3	93.9	85.0	85.4	35.6	95.7	85.7	95.8	45.4
ge	3500	65.7	72.4	74.9	42.4	35.8	85.5	27.6	89.1	39.3	38.4	88.5	33.5	98.5
GE	3000	57.5	74.7	31.4	35.0	33.9	89.6	90.3	71.3	91.5	91.7	91.7	91.7	91.8
3£	2500	5).3	75.3	13.2	47.0	91.0	91.7	93.)	93.5	93.7	93.9	93.9	93.9	34.0
G.E	3000	50.4	77.2	24.4	88.3	72.4	93.2	74.5	75.1	75.3	95.5	95.5	95.5	gr.4
Çr	1900	57.3	77.2	24.4	马马。4	92.5	93.3	94.7	95.3	75.4	95.6	95.7	95.7	0K 9
7, =	1500	72.3	77.7	45.2	39.4	93.6	94.4	95.9	95.5	96.8	95.9	97.7	97.1	97.1
GE	1500	73.5	7::.2	35.7	90.0	94.3	95.1	96.7	97.4	97.0	97.s	97.9	97.9	93.0
3 €	10))	73.7	7 1 . 4	55 • ₹	90.3	94.7	95.5	97.2	97.5	93.1	93.3	95.4	93.4	93.5
GE	300	70.0	73.5	³5•1	90.5	94.9	95.8	97.5	99.1	98.4	93.5	98.7	98.7	વસુ.લ
SE	900	7 0.4	73.5	85.1	90.5	94.9	95.9	97.5	23.2	99.5	99.7	98.8	98.8	93.3
SE	700	77.º	7×.5	વ6•1	20.5	95.0	96.0	97.7	93.4	98.5	99.A	99.9	99.0	99.1
Ğ€	500	70.9	7 8 ₅ 5	36.1	90.5	95.0	96.0	97.8	98.4	38.7	99.9	99.1	99.1	99.2
G€	500	70.3	74.5	35.1	90.5	95.1	96.1	97.3	93.5	98.9	99.2	99.3	97.3	97.4
ĢF	400	73.0	73.5	36.1	90.5	95.1	95.1	97.9	93.6	38.9	33.5	99.3	99.3	99.4
SE	300	7つ. 3	78.5	96.1	90.5	95.1	96.1	99.0	98.7	98.9	99.3	99.4	99.5	99.6
SE	200	70.3	73+5	85.1	90.5	35.1	96.2	98.0	98.7	99.0	99.4	99.6	99.7	99.8
GE	100	70.3	78.5	85.1	90.6	95.1	96.2	98.0	98.7	99.0	99.4	99.6	99.7	99.8
٦r •••	222	75.2	73.5	36.1	70.5	95.1	95•2	93.0	93.7	49.0	79.4	99.6	99.7	97.a

TOTAL NUMBER OF BESSERVATIONS 7200

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY SEROM HOURLY DESERVATIONS

STATION NAME: RICKENBACKER ANGBOH PERIOD OF RECORD: MAR 78 - FEB 88 MONTH: JUN HOURS: ALL

• • •	• • • • • •	• • • • • • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
	G 	35	GE	SE	GE	GE	GĒ	GE	€F	GE	GE	SE	ĢĒ
1	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
	53.2	54.8	55.2	55.7	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
	77.6	2110			J U. U	2011	2446	, , , ,					
	5 0. 0	51.9	62.3	62.9	63.3	53.3	63.5	63.5	63.5	63.5	63.6	63.6	63.6
	50.0	61.9	62.3	52.7	53.3	53.3	53.5	63.5	63.5	63.5	63.5	63.6	63.6
)	50.1	51.9	62.3	63.0	63.3	63.4	63.5	63.5	63.6	63.5	63.6	63.6	63.6
•	50.5	52.3	52.8	53.4	63.7	53.8	53.9	64.0	64.0	64.0	64.0	64.0	64.0
	51.3	53.7	64.1	64.8	65.1	05.2	65.3	65.3	65.4	55.4	65.4	65.4	65.4
	55.2	57.3	67.B	65.5	58.9	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2
	55.2	53.4	68 B	69.5	57.9	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2
	71.3	73.8	74.3	75.1	75.5	75.6	75.7	75.8	75.8	75.8	75.8	75.9	75.8
4	72.0	74.5	75.1	76.0	75.3	75.4	76.5	76.6	76.5	75.6	76.7	76.7	76.7
•	73.0	75.6	76.2	77.0	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7
	75.1	77.3	74.4	79.3	79.7	79.3	79.9	30.0	80.0	50.0	e0.0	30.0	80.0
	76.7	79.5	80.1	91.1	31.5	31.6	91.A	91.4	91.9	81.8	31.9	81.9	81.9
,	-0.1	33.3	93.9	35.0	35.4	35.6	95.7	85.7	95.8	85.8	95.8	95.8	85.3
,	-2.4	35.A	85.5	97.5	88.1	33.3	38.4	88.5	39.5	88.5	88.5	38.5	88.5
	35.0	33.9	89.6	90.3	91.3	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8
1		,,,,	,,,	. 3 . 3	, , , ,								
	47.8	91.0	91.7	93.0	73.5	93.7	93.7	93.9	93.9	34.0	94.0	94.0	94.0
•	~ 3	92.4	93.2	94.5	75.1	35.3	95.5	95.6	95.6	95.6	95.7	95.7	95.7
	19.4	92.5	93.3	94.7	95.3	25.4	95.6	95.7	95.7	95.8	95.9	95.8	95.8
	39.4	93.6	94.4	95.9	95.5	76.A	95.9	97.0	97.1	97.1	97.1	97.1	97.1
7	90.0	94.3	95.1	96.7	97.4	97.6	97.8	97.9	97.9	98.0	98.0	99.0	98.0
	y 7.3	94.7	95.5	97.2	97.8	93.1	93.3	98.4	98.4	98.5	93.5	93.5	98.5
1	90.5	94.9	95.8	97.5	99.1	98.4	93.6	98.7	98.7	98.8	98.8	98.8	98.3
:	99.5	94.9	95.9	97.5	23.2	98.5	98.7	98.8	98.8	98.9	99.9	98.9	98.9
1	20.5	95.0	95.0	97.7	98.4	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1
:	90.5	95.0	96.0	97.8	98.4	98.7	99.9	99.1	99.1	99.2	99.2	99.2	99•2
	90.5	95.1	95.1	97.9	98.6	98.9	99.2	99.3	99.3	93.4	99.4	99.4	99.4
:	27.5	95.1	95.1	97.9	93.6	19.0	99.2	99.3	99.3	99.4	99.4	99.4	99.5
i	20.5	99.1	95.1	99.0	98.7	98.9	99.3	99.4	99.5	99.6	99.6	99.5	99.7
,	90.5	95.1	95.2	98.0	98.7	99.0	99.4	99.6	99.7	99.8	99.8	99.8	99.9
ŀ	93.5	95.1	96.2	98.0	98.7	99.0	99.4	99.6	99.7	99.8	99.8	99.8	100.0
	10.5	95.1	95.2	73.0	93.7	99.0	39.4	99.6	99.7	99.8	99.9	99.8	100.0
			• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •

OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO

1

į

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIEW HOUSELY OBSERVATIONS

		-	724285	LST	TO UTC:	: + 5	KENBACKE				MONTH:		HOURS: (
	LING	* * * * * * * *	• • • • • • •		,				STATUTE		• • • • • • •		•••••
Ţ	N	Ç.€			SE	GE	GE	GE	35	GF		GF	GE
	= T	7	6	5	4	3	2 1/2	2		1 1/4		3/4	5/3
• • •	• • • • •	• • • • • • •	• • • • • • • •		,	,		•••••	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••
	CEIL	37.7	43.9	52.8	57.0	50.4	61.7	63.2	63.2	63.2	63.3	63.3	63.3
	20000		45.7	56.7	61.5	55.5	67.1	68.3	67.2	69.2	69.4	59.4	59.4
	13000	-	45.7	34.7	51.5	55.5	67.1	53.8	57.2	59.2	59.4	59.4	59.4
	15000		45.7	55.7	51.5	65.6	67.1	68.8	59.2	69.2	59.4	69.4	69.4
	14000		40.3 47.4	56.d	61.5	55.7	67.2 69.1	58.9	69.4	69.4	69.5	69.5	69.5
SE	12000	41.4	47.6	58∙1	63.2	67.6	57.1	71.2	71.6	71.6	71.7	71.7	71.7
GE	10000	43,3	50.1	69.3	66.1	70.5	72.2	74.3	74.7	74.7	74.9	74. 8	74.8
35	9000		50.8	51.5	67.1	71.5	73.1	75.3	75.7	75.7	75.9	75.9	75.₽
GE	9000	-	54.6	55.9	72.2	77.5	79.1	81.3	H2.3	32.3	82.4	82.4	82.4
GE	7000		55.4	66.9	73.1	78.5	30 • 1	62.3	33.2	93.2	83.3	83.3	83.3
GE	6900	48.5	55.5	67.0	73.4	78.8	30.4	83.1	33.5	93.5	83.7	83.7	83.7
Sr	5223	47.5	55.5	53.4	74.9	30.3	31.9	34.6	35.1	35.1	25.2	85.2	35.2
ĢF	4500		57.4	59.7	76.2	31.7	93.4	35.1	36.5	35.5	36.7	36.7	85.7
GF.	4000		54.4	71.7	78.7	35.2	37.0	90.0	90.4	90.4	99.5	90.5	90.5
GE	3500		59.7	72.7	79.5	36.0	37.3	90.9	91.3	91.3	91.4	91.4	31.4
ΞĒ	3990	53.5	51.2	74.7	81.6	38.4	90.5	93.5	94.0	94.0	94.1	94.1	94.1
QF.	2500	53.0	41.7	75.4	32.5	37.5	91.5	94.5	95.1	95.1	95.2	95.2	25.2
35	2000	-	52.0	75.7	82.9	90.1	92.3	95.3	25.7	95.7	95.2	वक् स	95.A
35	1800		52.2	75.3	93.0	90.2	92.4	95.4	95.8	95.8	95.0	96.0	95.0
GE	1500		52.5	76.5	53.7	90.9	93.0	96.5	95.9	96.9	97.1	97.1	97.1
3E	1500	54.9	52.4	76.9	84.2	71.5	93.7	97.1	97.5	97.5	97.7	97.7	97.7
35	1000	54.9	52.3	77.0	94.3	91.5	94.1	37.5	98.0	74.0	98.2	98.2	38.2
35	300	_	63.1	77.3	94.5	92.2	94.5	93.1	99.5	98.5	98.7	98.7	98.7
GE.	300		53.1	77.3	84.5	92.4	95.1	98.5	98.9	36.3	99.1	99.1	99.1
SΕ	700	55.2	53.1	77.3	84.6	92.4	95.1	98.7	99.1	99.1	99.4	99.4	99.4
GE	500	55.2	1 • د ځ	77.3	84.5	92.4	95.4	99.0	99.5	99.5	99.7	99.7	99.7
; =	500	5°.2	53.2	77.4	₽4.7	92.6	95.5	99.4	99.3	39. 4	100.0	100.0	100.0
3r	400	• •	63.2	77.4	94.7	92.6	95.6	99.4	99.e	39.8	100.0	100.0	100.0
Ç.E	300	-	63.2	77.4	84.7	92.6	95.6	99.4	99.8	99.9	100.0	100.0	100.0
SE	500		53.2	77.4	84.7	92.6	95.6	99.4	99.3	99.8	100.0	100.0	100.0
GE	100	55 ∙ 2	53.2	77.4	34.7	92.6	95.6	79.4	99.8	99.8	100.0	100.0	100.0
gr	001	55.2	53.2	77.4	34.7	92.5	95.6	99.4	ดว.ุจ	19. 3	100.0	100.0	100.0

TOTAL NUMBER OF DESERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUSELY DESERVATIONS

1445 10: 4		CKENB	ACKER	ANGB	Эн		PERIOD MONTH:	OF REC	ORO: M HOURS:		FE8 88		
• • • • •	•••	1217	31111	Y TN 9	TATUTE	9311M	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
1	3E		E	GE	35	SE	GE	GF	G S	GE	GE	GE	GE
	3		1/2	Š	1 1/2	-		3/4	5/3	1/2	3/8	1/4	5
	• • •	• • • • •	• • • • •	• • • • •					• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
) <u>6</u>	0.4	61	.7	63+2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
,	5.5	67	,	68.3	69.2	59.2	59.4	59.4	69.4	69.4	69.4	69.4	69.4
	5.6			53.8	59.2	59.2	59.4	69.4	69.4	69.4	69.4	69.4	69.4
	5.6			63.3	69.2	69.2	69.4	69.4	69.4	69.4	59.4	59.4	69.4
,	5.7			68.9	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
_	7.6		-	71.2	71.6	71.6	71.7	71.7	71 • 7	71 • 7	71.7	71.7	71.7
. 7	7).4	72	,	74.3	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
	1.5			75.3	75.7	75.7	75 °	75.8	75.8	75.3	75.8	75.3	75.3
	7.5			81.3	82.3	32.3	92.4	32.4	82.4	82.4	82.4	82.4	82.4
	·3.5			82.3	33.2	93.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
. 7	3.3	30	. 4	83.1	83.5	93.5	83.7	83.7	83.7	83.7	83.7	43.7	83.7
, -	3	31	. 9	24.5	35.1	35.1	95.2	85.2	35.2	85.2	95.2	35.2	95.2
	1.7			35.1	36.6	35.5	36.7	36.7	86.7	86.7	86.7	86.7	86.7
7 9	5.2	87	.0	90.0	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
3	6.0	37	• 3	90.9	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
	3.4	30	• 5	93.5	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
	0.5	91	• 5	94.5	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
. 3	0.1	92	. 3	95.3	95 .7	35.7	95.2	95 . A	95.8	95.8	95.8	95.8	95.3
্য ব	7.2	92	. 4	95.4	95.8	95.8	95.0	96.0	95.0	96.0	96.0	96.0	96.0
	9.9			96.5	95.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
): 3	1.5	93	.7	97.1	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
. 4	1.6	94	. 1	97.5	38.0	99.0	98.2	98.2	98.2	99.2	98.2	98.2	98.2
	2.2			93.1	99.5	98.5	98.7	98.7	93.7	98.7	98.7	98.7	98.7
	2.4			98.5	98.9	28.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	2.4			98.7	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
r. 3	2.4	95	• 4	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
/ 3	2.5	95	. 5	29.4	99.3	99.A	100.0	100.0	100.0	100.0	100.3	100.0	100.0
	2.6			99.4	97.8	39.A	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	13.6			99.4	99.8	79.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	2.6			99.4	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1 9	2.5	95	• 5	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
7 3	2.5	95	• 6	99.4	99.9	19.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
• • • • •	• • •	• • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •

OPERATING LOCATION WAW USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS

ST	ATION N	10M3E5:	724295	LST	TO UTC	: + 5	KENBACKE	R ANGS	он		PERIOD MONTH:		:በዩ በ ፡ M HOURS:	IAR 33
0.6	ILING	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		VISIBILI	TW FM	* * * * * * * * * * * * * * * * * * *	M F1 CC	• • • • • • •	• • • • • •	•••••	• •
	ILING In	3=	G۶	65	SE	SE	GE GE	GE	CE.	GE UTFE?	G ⊏	GE	G=	
	EFT	7	91 5	5 5	9 ff 4	3	2 1/2	2	1 1/2	1 1/4		-	5/a	
	:F1		• • • • • •	, 		, , , , , , , , , , , , , , , , , , ,	2 1/2		1 1/2	1 1/4	1	3/4	2/2	
NO	CEIL	31.5	35.1	41.0	48.2	54.5	56.1	59.7	61.2	61.6	62.3	62.6	62.6	- 1
GΕ	20000	33.3	37.5	44.1	51.9	58.7	60.3	64.3	66.2	55.7	67.5	63.0	53 . 0	
35	18000	33.8	37.5	44.1	51.9	53.7	60.3	64.3	66.2	56.7	67.6	58.0	68.0	- 1
G.F	15000	33.8	37.6	44.1	51.9	53.7	60.3	64.3	65.2	65.7	57.5	68.0	58.0	
GE	14900	33.9	37.6	44.1	51.9	53.7	60.3	64.3	65.2	56.7	67.6	68.0	68.0	1
SE	12000	34.3	38.7	45.2	53.0	60.2	61.9	66.2	68.2	68.6	69.6	69.9	69.9	
5t	10000	5.5د	39.3	45.5	54.5	62.3	54.1	68. 5	70.5	71.0	71.9	72.3	72.3	
G.E	იეეი	35.)	40.5	47.2	55.7	53.9	65.7	70.3	72.3	72.7	73.7	74.0	74.0	
35	9000	30.5	43.4	50.8	59.8	69.0	71.1	75.8	78.1	78.5	79.5	79.8	79.8	
G.E	7000	39.1	44.0	51.3	50.3	69.6	71.5	75.3	78.6	79.0	80.0	80.3	90.3	1
ĞΕ	5000	39.1	44.1	51.5	50.5	69.8	71.8	76.6	78.8	79.2	80.2	d0.5	80.5	
SE	5000	÷6.3	45.7	53.7	62.9	72.5	74.5	79.4	31.5	82.0	83.0	o3.3	33.3	
ĢĒ	4500	41.5	45.6	54.5	63.3	73.4	75.6	30.5	52.8	33.2	84.2	94.5	34.5	
SE	4000	43.2	43.6	57.2	56.8	76.9	79.0	34.4	37.0	37.4	93.4	88.7	88.7	
g E	3500	43.3	43.8	57.5	57.1	77.3	79.5	35.2	33.0	38.4	89.4	89.7	89.7	
SE	3000	44.0	49.5	58.5	53.4	79.1	31.4	87.2	90.1	90.5	91.5	91.8	91.8	,
SE	2500	44.2	40,9	58.9	69 . 0	3).0	32.3	88.1	71.0	91.4	92.4	92.7	92.7	
30	2000	44.5	50.2	57.4	69.5	80.8	33.0	aa.a	91.8	32.3	73.2	93.5	93.5	,
GE	1000	44.7	5.).4	59.5	59.3	31.0	93.2	89.0	92.0	92.5	93.5	93.9	93.9	,
ĢE	1500	45.1	50.0	59.9	70.2	81.6	84.0	89.8	92.8	93.2	94.3	94.5	94.6	•
ŚΕ	1200	45.3	51.0	50.3	70.9	82.7	85.2	91.0	94.0	94.4	95.5	95.8	95.8	ţ
ŝΕ	1000	+5.5	51.2	50.5	71.4	83.3	85.8	91.6	94.0	95.1	96.1	96.5	96.5	•
9,5	333	45.5	51.2	50.5	71.4	33.3	35.9	91.7	94.7	ပ်ရှိ ဦ	96.2	96.5	95.6	
ŚĘ	999	45.3	51.5	41.2	72.2	34.2	86.9	92.3	95.3	₹6.3	97.4	97.7	97.7	4
ĠĒ.	700	45.9	51.5	61.2	72.2	84.2	86.9	92.8	95.9	95.3	97.4	97.7	97.7	ŧ
ŠΕ	500	45.3	51.5	51.3	72.3	34.5	97.2	93.1	96.1	96.7	97.7	98.1	93.1	,
ŝE	500	45.5	51.5	51.3	72.3	34.9	87.6	93.7	96.7	97.2	99.3	98.7	93.7	
GF.	400	45.4	51.5	51.3	72.3	34.9		_				98.3		
GF.	300	45.9	51.7	11.0	72.3	34.9	37.5	93.7	95.7	97.3	98.4 98.4		98.8 98.8	,
GE	200	45.3	51.5				37.6	93.7	96.7	97.3	-	98.8	-	`.
GE		_	51.5	61.3	72.3	84.9	87.6	93.7	96.7	97.3	98.5	98.9	98.9	
JE	100	45.8	71.0	61.3	72.3	34.9	87.6	93.7	96.7	97.3	98.5	99.0	99.0	,
ĢE	000	45.3	51.5	51.3	72.3	84.9	87.6	23.7	95.7	77.3	a8*6	99.0	99.0	•
• • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •			• • • • • • •					• •

TOTAL NUMBER OF DRISERVATIONS 930

1

PERCENTAGE FREQUENCY OF OCCURRENCE OF CETLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	15: RICH	KENBACKE	ER ANGS	ЭH		PERIOD MONTH:	OF REC	DRD: M. HOURS:		FE8 88		
.		VESTREE	ITY IN	STATUTE	MILES	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
ŧ	35	GE.	35	ůt.		GF	G.E	G۳	GE	GE	GE	GΕ
t	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/a	1/2	3/9	1/4	0
₹…	• • • • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
§	54.5	56.1	59.7	61.2	61.6	62.3	62.6	62.6	62.9	63.0	53.0	63.1
t	74.5	30 • L	27 · 1	01.42	01.0	02.5	02.0	02.0	32.09	03.0	93.0	93.1
٠.	53.7	50.3	64.3	56.2	55.7	67.5	5B.0	63.0	63.3	68.4	68.4	68.5
\$ i	53.7	60.3	54.3	56.2	56.7	67.6	68.0	68.0	63.3	68.4	68.4	68.5
9	53.7	50.3	54.3	55.2	55.7	57.5	68.0	68.0	68.3	68.4	68.4	68.5
1/	53.7	50.3	64.3	65.2	56.7	67.5	68.0	58.0	68.3	69.4	68.4	68.5
1	50 .2	51.9	66.2	68.2	68.6	69.6	69.9	69.9	70.2	70.3	70.3	70.4
1	52.3	64.1	58.5	70.5	71.0	71.9	72.3	72.3	72.6	72.7	72.7	72.8
١.	53.9	65.7	70.3	72.3	72.7	73.7	74.0	74.0	74.3	74.4	74.4	74.5
1	67.0	71.1	75.8	78.1	78.5	79.5	79.8	79.8	80.1	80.2	80.2	80.3
1	59.6	71.5	75.3	78.6	79.0	80.0	80.3	90.3	80.5	80.3	80.3	80.9
t ·	59.3	71.8	76.5	78.8	79.2	80.2	80.5	80.5	80.9	81.0	81.0	81.1
1.	72.5	74.5	79.4	31.5	82.0	83.0	63.3	83.3	83.7	83.5	83.8	83.9
1	73.4	75.6	30.5	32 . R	33.2	84.2	34.5	34.5	34.3	84.9	84.9	85.1
4 .	75.9	79.0	34.4	97.0	37.4	98.4	88.7	38.7	89.0	89.1	89.1	89.2
Ł	77.3	79.5	95.2	33.0	38.4	89.4	89.7	89.7	90.0	90.1	90.1	90.2
F	73.1	31.4	87.2	90.1	90.5	91.5	91.8	91.8	92.2	92.3	92.3	92.4
1	33.0	42.3	88.1	91.0	91.4	92.4	92.7	92.7	93.0	93.1	93.1	93.2
1.	33.3	83.0	99.3	91.9	72.3	93.7	93.5	93.5	93.9	94.0	94.0	94.1
1	31.0	83.2	99.0	92.0	92.5	93.5	93.9	93.9	94.2	94.3	94.3	94.4
}	31.5	84.0	89.8	92.8	93.2	94.3	94.5	94.6	94.9	95.1	95.1	95.2
1	82.7	85.2	91.0	94.0	94.4	95.5	95.8	95.8	95.1	95.2	96.2	96.3
1	83.3	95.8	91.5	94.5	95.1	96.1	96.5	96.5	95.8	96.9	96.9	97.0
I	33.3	35.9	91.7	94.7	95.2	95.2	96.6	96.6	96.9	97.0	97.0	97.1
1	34.2	86.9	92.9	95.3	96.3	97.4	97.7	97.7	98.1	98.2	98.2	98.3
ı	34.2	36.9	92.3	95.3	95.3	97.4	97.7	97.7	98.1	98.2	98.2	98.3
1	34.5	97.2	93.1	96.1	96.7	97.7	98.1	93.1	98.4	98.5	98.5	98.6
1	24.43	07 4	02.7	2.4	0.7.	000	0.3.7	00.7	00.0	00.		20.1
1	34.9	37.6	93 .7 93 .7	96•7 95•7	97.2	99.3	98.7	99.7	99.0	99.1	99.1	99.2
1	34.9	97.5 97.5	93.7	96.7	97.3 97.3	98.4 98.4	98.8 98.8	98•8 98• 8	99.1 99.2	99•2 99•4	99.2 99.4	99.4
1	34.7	87.6	93.7	96.7	97.3	93.5	98.9	98.9	99.4	99.4	99.5	99.7
ŧ	34.9	37.6	93.7	96.7	97.3	98.6	99.0	99.9	99.4	99.5	99.6	99.9
1	, ,	, 	,,,,,	, G • 1	,,,,	,0.0	,,,,	//•U	,,,,,	,,,,	,,,	,,,,
1	4.7	97.6	23.7	95.7	97.3	98.6	99.0	99.0	99.5	99.6	99.6	100.0

OPERATING LOCATION "A"
USAFFTAC: ASMEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS

STATION *			LST	TO UTC	+ 5					PERIOD HIVON	JUL	HOURS: 05
CEILING	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •		VISIBILI				• • • • • • •	• • • • • •	• • • • • • • • •
IN	G.F	GΞ	SE	G F	5 5	GE	GE	31 % 10 1 E	GF	G E	GE	GE.
គ <u>គ</u> ិត្ត	7	5	5	4	, <u>3</u>	2 1/2	2		1 1/4		3/4	5/9
• • • • • • •								• • • • • • •				
							••••					
NO CEIL	23.9	27.4	31.9	37.5	42.0	45.4	49.1	51.7	53.3	54.3	55.3	55.3
35 20000	27.0	30.0	35.7	42.0	45.8	50.5	54.7	57.5	50.5	51.4	51.9	61.9
GF 13000	27.1	35.9	35.7	42.3	45.8	50.5	54.7	57.5	59.6	51.4	61.9	61.9
SF 16000	27.0	30.9	35.7	42.0	46.8	50.5	54.7	57.6	59.6	51.4	51.9	51.9
GE 14000	27.1	31.0	35.8	42.2	46.9	50.6	54.8	57.7	59.7	61.5	52.0	62.0
GE 12000	23.0	31.3	35.8	43.2	43.5	52.4	56.7	59.7	61.7	63.5	64.1	64.1
SE 10000	2 ₹.1	32.5	33.1	44.3	50.5	54.4	53.7	51.7	53.8	55.7	66.3	56.3
ვი პტები	2 1	32.7	37.3	45.2	51.1	54.9	59.4	52.4	54.4	56.5	67.1	57.1
SF 9000	30.1	34.8	41.8	49.0	55.6	59.8	55.5	69.1	71.2	73.2	73.9	73.9
GE 7000	30.4	35.3	42.3	49.5	56.1	60.3	60.1	59.3	71.8	73.9	74.5	74.5
GE 6000	30.5	35.4	42.4	49.5	56.2	60.4	55.2	69.9	71.9	74.0	74.6	74.6
3E 5000	31.3	37.1	44.4	51.7	53 .7	63.0	68.9	72.8	74.3	77.0	77.6	77.7
SE 4500	33.5	33.0	45.3	53.4	50 . °	65.4	71.3	75.2	77.2	79.4	30.0	30.1
SE 4000	33.4	39.4	47.4	55.5	63.1	68.0	73.9	77.º	79.9	92.0	92.7	82.4
GE 3500	34.0	40.0	48.5	56.7	54.3	69.4	75.5	79.5	81.7	83.9	84 .7	35.1
GE 3000	34.4	40.5	49.4	5 7. 5	65.4	70.5	77.1	31.2	83.3	85.5	56.3	მი.7
												
2500	35.1	+1.2	50.2	E 8.5	65.5	71.6	73.2	d 5 • 3	34.5	96.7	87.5	9 7. 9
95 2300	35.4	41.9	51.0	59.5	57.5	72.9	79.5	93.9	36.1	38.4	89.5	39.A
SE 1800	35.0	42.2	51.2	59.8	67.7	73.0	79.8	84.1	35.3	88.6	89.7	90.0
GE 1500	36.2	42.7	51.7	50.4	68.8	74.1	81.0	85.3	87.5	89.9	91.0	91.3
SE 1200	30.3	42.3	51.9	60.9	69.5	74.9	82.0	36.5	88.7	91.2	92.3	92.6
SE 1000	36.7	43.2	52.3	61.2	67.3	75.5	82.5	a7.1	39.4	91.8	92.9	93.2
SF 903	35.7	43.2	52.3	51.7	7).4	76.0	83.1	97.6	30.3	92.4	93.4	93.4
900	36.7	43.2	52.5	51 . 9	71.1	76.7	83.9	88.5	90.9	93.3	94.4	94.7
GE 7JJ	35.7	43.2	52.5	51.9	71.1	77.0	34.3	89.0	91.4	93.9	94.9	95.3
GE 500	30.9	43.4	52.9	62.4	71.7	77.7	85.1	89.8	92.3	94.7	95.8	96.1
05 555	24.											
ς <u>ε</u> ε <u>ο</u> ο	36.0	43.4	52.9	52.5	71.7	73.2	35.9	21.0	93.4	95.9	97.1	97.4
3F 400	36.9	43.4	57.9	52.5	71.7	78.3	36.0	91.2	93.7	36.3	27.4	97.7
GF 300	36.9	43.4	52.9	62.5	71.9	78.4	86.2	91.4	93.9	96.5	98.0	98.4
GE 200	35.9	43.4	52.9	62.5	71.9	78.4	86.2	91.4	93.9	96 • 7	98.2	98.5
SE 100	36.9	43.4	52.9	62.5	71.9	78.4	86.2	91.4	93.9	96.7	98.2	93.6
35 000	35.2	43.4	52.9	62.5	71.3	78.4	R6.2	91.4	73.9	76.7	98.2	93.6
		7 / 7	76	96	1447	19.7	.0	7 	,,,,	****	70 • 6	7 3 6 11
					• • • • • •							

TUTAL NUMBER OF DRISERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

1

ILI

51165 71799

, a

14MI: R 3: + 5	ICKENBAC	KER ANGB			MONTH:		HOURS:	06-08	FEB 88		
• • • • • •	IT RT 2 TV	ITY IN			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
35		SE	314101E		G E	GE	35	GE	GE	GE	GE
	2 1/2			1 1/4		3/4	5/3	1/2	3/9	1/4	0
l	_										
}	•••••						••••				••••
42.	0 45.4	49.1	51.7	53.3	54.3	55.3	55.3	55.6	55.6	55.7	55.8
45.	3 50.5	54.7	57.5	59.6	51.4	61.9	51.9	52.3	52.3	62.7	62.8
45.		54.7	57.6	59.6	51.4	61.9	61.9	62.3	52.3	62.7	62.3
45.		54.7	57.5	59.6	51.4	51.9	51.9	62.3	62.3	62.7	62.8
46		54.8	57.7	59.7	61.5	52.0	62.0	62.4	62.4	52.3	62.9
43.		56.7	59.7	61.7	63.5	64.1	64.1	64.4	64.4	64.3	64.9
, ,,,	, ,	,,,,	, · • ·	3.4.	0,000	0.4.		- , ,	• • • •	3.43	J
รา.	5 54.4	53.7	51.7	53.8	55.7	66.3	56.3	65.7	66.7	67.1	67.2
51.	1 54.9	59.4	52.4	54.4	56.5	67.1	67.1	67.4	67.4	67.9	68.0
55.		55.5	69.1	71.2	73.2	73.9	73.9	74.2	74.2	74.6	74.7
55.	1 50.3	66.1	59.3	71.8	73.9	74.5	74.5	74.8	74.8	75.3	75.4
55.	2 60.4	55.2	69.9	71.9	74.0	74.6	74.6	74.9	74.9	75.4	75.5
53.	7 63.0	63.9	72.8	74.3	77.0	77.6	77.7	78.1	73.1	73.5	78.6
5).		71.3	75.2	77.2	79.4	30.0	30.1	HO.4	80.4	30.9	91.0
53.		73.9	77.9	79.9	92.0	82.7	82.8	83.1	93.1	83.5	83.7
54.		75.5	79.5	81.7	83.9	84.7	35.1	85.4	35.4	35.3	85.9
55.		77.1	91.2	83.3	85.5	66.3	86.7	87.0	87.0	37.4	87.5
55.	5 71.6	73.2	92.3	34.5	86.7	٩7.5	37.5	88 .2	88•2	88.6	38.7
57.		79.5	33.9	36.1	98.4	89.5	39.8	90.1	90.1	90.5	90.6
57.		79.8	84.1	35.3	88.6	89.7	90.0	90.3	90.3	90.3	90.9
53.		81.0	85.3	87.5	89.9	91.0	91.3	91.6	91.5	92.0	92.2
59.		32.0	35.5	88.7	91.2	92.3	92.6	92.9	92.9	93.3	93.4
* * * * * * * * * * * * * * * * * * * *			,,,,,	9301	71.02	76. 12	72.0	, , ,	,,,	,,,,,	,,,,,,
63.	75.5	22.5	97.1	39.4	91.9	92.9	93.2	93.5	93.5	94.0	94.1
7).		93.1	97.5	39.3	92.4	23.4	93.9	94.1	94.1	94.5	94.5
71.		83.9	88.5	90.9	73.3	94.4	94.7	95.1	95 • 1	95.5	95.6
71.	77.0	34.3	89.0	91.4	93.7	94.9	95.3	95.6	95.6	96.0	96.1
71.	7 77.7	35.1	89.8	92.3	94.7	95.8	96.1	96.5	96.5	96.9	97.0
Ì											
71.		35.9	21.0	73.4	95.9	97.1	97.4	97.7	97.7	95.2	98.3
71.		35.0	71.2	93.7	36.2	37.4	37.7	99.1	98 • 1	98.5	98.6
71.		36.2	91.4	93.9	96.5	98.0	98.4	98.7	98.7	99.1	99.5
71.		26.2	91.4	93.9	96.7	98.2	98.6	98.9	98.9	99.5	99.9
71.	9 78.4	86.2	91.4	93.9	96.7	98.2	98.6	98.9	98.9	99.5	100.0
71.	78.4	R6.2	91.4	73.9	76.7	98.2	98.6	93.9	98.9	99.5	100.0

OPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS (FROM HOURLY OBSERVATIONS

STAI	N PCIT	Пичеба:	724295	LST	TO UTC:	. + 5	KENBACKE	R ANGS	Эн		HONTH:	JUL	CORD: '
0641	LING	• • • • • •	• • • • • • • •		• • • • • • •		TITATET	TV IN	STATUTE	MILES	• • • • • • •	• • • • • • •	• • • • • •
I		Ç.E	35	3=	Ge	ς <i>ε</i> '	GE	GE	STATUTE	## ## \$5	GE	GE	G≒
E E E		7	1 1.	3.T 5	4	3	2 1/2	2		1 1/4		3/4	
	: ' 				,		2 1/4	<u>.</u>	1 1/4	1 1/7		3/ 7	5/3
••••	• • • • • •	••••				•••••	• • • • • • • •	• • • • • •	• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •
SN C	CrIL	33.1	34.8	45.4	50.1	53.2	54.1	54.8	54.9	54.9	54.9	54.9	54.9
GE Z	20000	33.4	45.9	52.0	59.3	51.9	52.9	53.7	63.A	63.3	63.3	63.8	53.ძ
3E 1	13000	35	45.1	53.0	58.5	52.2	63.1	63.9	54.0	54.0	64.0	64.0	64.0
GF I	16000	33.7	45.2	53.1	58.5	62.3	63.2	54.0	54.1	64.1	64.1	64.1	64.1
GF J	14000	39.0	45.5	53.4	58.9	62.5	63.5	64.3	54.4	54.4	54.4	64.4	54.4
GĒ I	12000	39.5	47.2	54.5	60.2	64.2	65.2	65.9	66.0	66.0	65.0	66.0	55.0
5E 1	10000	41.0	45.7	55.1	51.9	55.J	57.0	57.7	68 . U	58.0	64 . 0	63.0	53.0
ge .	้ากกา	41.5	49.5	56.9	63.0	57 . 2	58.2	53.9	69.1	59.1	57.1	59.1	59•1
ŚE	3000	43.4	51.2	59.3	56.7	71.3	72.5	73.3	73.5	73.5	73.5	73.5	73.5
ģĒ	7000	43.7	52.0	50.1	57.3	71.7	72.9	73.3	74.0	74.0	74.9	74.0	74.0
úΞ	5000	43.3	52.2	59.4	67.3	72.0	73.2	74.1	74.3	74.3	74.3	74.3	74.3
	,,,,,					14.	, , , , .	1 , 4 7	1713	1713	1715	1712	14.5
G.E	5000	44.1	52.A	51.2	5A.3	73.0	74.3	75.5	75.7	75.7	75.7	75.7	75.7
35	4500	46.2	54.0	52.5	59.3	74.7	76.0	77.2	77.4	17.4	77.4	77.4	77.4
ĢÇ	4000	44.5	55.9	54.3	72.7	77.7	79.2	90.3	91.1	31.1	91.1	81.1	81.1
ቤተ	3500	43.3	57.6	56.7	74.3	79.9	81.4	33.0	83.3	93.3	93.3	93.3	83.3
GE	3000	50.1	59.5	63.3	77.2	32.8	34.6	36.5	36.3	86.8	85.3	35.8	85.8
~ ,*				=									
G E	25))	51.3	5 3. 4	70.1	78.5	34.1	45.9	27.7	33•2	39.2	58.42	ਜੋੜੋ∗2	53.2
35	2000	23.0	62.6	72.5	81.2	37.0	९स. चु	9).3	91.2	91.2	91.3	01.3	91.3
Ç.	1900	53.0	52.9	72.5	91.2	87.0	58 ∙ ଓ	90.H	91.2	21.2	71.3	91.3	91.7
SC	1500	54.2	54.0	74.0	82.9	89.0	91.1	93.0	93.4	93.4	93.5	93.8	93.8
GE	1200	54.5	54.4	74.9	84.9	90.4	92.5	94.4	94.9	94.9	95.4	95.4	95.4
ű£	1000	55.4	55.3	76.0	35.4	92.4	94.4	96.3	95.3	75.9	97.3	97.3	97.3
35	000	55.5	65.7	76.7	55.2	23.3	95.4	97.3	97.8	97.8) A 3	99.3	99.3
3c	800	55.5	55.7	75.7	86.5	93.7	95.7	97.5	28.5	99.2	98.6	98.5	98.6
SE	700	56.5	55.7	76.7	96.5	93.7	95.9	93.2	98.3	98.3	39.2	99.2	99.2
GE	500	55.7	55.8	75.8	86.8	94.0	96.2	98.6	99.2	99.2	99.7	99.7	99.7
GE	500	55.7	. برون	75.3	3 6 ∙3	94.0	36.2	9 3. 8	99.5	22.5	99.)	99.9	99.9
96 96	400	55.7	45.8	75.3	86.3	94.0	95.2	93.0	99.5	90.5	100.7	100.0	100.0
Ğ.	300	55.7	65.5	75.9	86.8	94.0	95.2	98.9	97.6	99.5	100.0	100.0	100.0
ĞE	200	55.7	65 . 3	75.8	36.8	94.0	96.2	98.9	99.5		100.0		
GE	100	55 .7	55.5	76.3						99.5		100.0	100.0
32	1.90	33 • 1		10.3	36 • ਖ	94.0	96.2	99.9	99.6	99.6	100.0	100.0	100.0
ς, -	200	55.7	55.P	76.3	∺4, • ₹	94.0	96.2	93.9	93.6	39.5	100.0	100.0	100.0
• • • •		• • • • • •	• • • • • • •			• • • • • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • • •

TOTAL NUMBER OF UBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

131

		ME: RIC : + 5	KENBACKE	R ANGB	Эн		PERIOD MONTH:		ORD: M HOURS:		FEB 88		
ب	1 · · · ·		VISIBILI	TY IN	STATUTE	MILES	• • • • • •	•••••		•••••	• • • • • • •	• • • • • •	•••••
, (7)	ł	G=	GE	GE	35	GE	G.S	GE	G≒	GE	35	SE	GE
• •		3	2 1/2	2		1 1/4		3/4	5/8	1/2	3/8	1/4)
,		•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •
4.	0.1	53.2	54.1	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
3.	4.3	51.9	52.9	53.7	63.4	63.3	63.3	63.8	63.8	63.8	63.8	63.8	63.8
	. 5	52.2	63.1	63.9	54.0	54.0	64.0	64.0	54.0	64.0	64.0	54.0	64.0
	8.5	52.3	63.2	54.0	54.1	64.1	64.1	64.1	64.1	64.1	54.1	64.l	64.1
5.	•	62.5	63.5	64.3	54.4	54.4	54.4	64.4	54.4	64.4	64.4	64.4	64.4
	∴	54.2	65 . 2	65.9	66.0	66.0	65.0	66.0	66.0	65.0	66.0	66.0	66.0
1 . 1 1 . 1	.1.3	55.J	57 . 0	57.7	68 . 0	68.0	64.0	68.0	58.0	68.0	63.0	58.0	68.0
3.	(.)	67.2	58.2	53.9	69.1	69.1	59.1	69.1	59.1	59.1	59.1	69.1	59.1
	. 7	71.3	72.5	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
	7.0	71.7	72.9	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
	1.3	72.0	73.2	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
>	, ,	13.0	74.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
		74.7	76.0	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
• 1	72.7	77.7	79.2	83.8	71.1	31.1	31.1	81.1	81.1	81.1	81.1	81.1	81.1
• [74.3	79.9	81.4	33.0	83.3	93.3	93.3	33.3	83.3	63.3	33.3	33.3	83.3
• "	77.2	32.9	34.6	36.5	36.8	86.8	85.4	85.8	85.8	56.8	86.9	36.8	86.8
•	7	34.1	35.9	37.7	38.2	83.2	88.2	광광 . 2	58.2	88.2	88.2	93.2	38.2
	1	37.0	98.3	9).3	91.2	91.2	71.3	91.3	91.3	91.3	91.3	91.3	91.3
• '	1.2	97.0	38.8	90.H	71.2	21.2	71.3	91.3	91.3	91.3	91.3	91.3	91.3
	2.7	39.0	91.1	93.1	73.4	73.4	93.5	93.8	93.8	93.8	93.8	93.9	93.8
• "}	4.	20.4	92.5	94.4	94.9	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4
• •]	,	32 (27.7	0/ 3	0/ 3	0. 0	07.3	0.7. 3	0.7	02.3	י כי	כ לו	97.3
• 4		92.4	94.4	96.3	96.9	75.9	97.3	97.3	9 7. 3	97.3 98.3	97.3	97.3 93.3	98.3
. 5	, ,	73.3	95.4	97.3	97.3	77.9	38.3	99,3			98.3		
• ?	5	93.7	95.7	97.5	19.2	98.2	98.5	98.6	98.6	98.6	98.6	98.6	93.6
. 7	45	33.7	95.9	93.2	98.9	98.3	39.2	99.2	99.7	99.2	99.2	99.2	99.2
4		94.0	96.2	28.6	99•2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
٠,	9.0	94.0	75.2	95.8	99.5	22.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
21	1.2	94.0	95.2	03.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.1	145 4	94.0	95.2	98.9	99.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ğ.	. ⊃•°	94.0	96.2	93.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ł	17. A	94.0	96.2	99.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	<i>(.</i> , <i>(</i>	94.0	96.2	94.9	93.6	29.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1		• • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •

OPERATING LOCATION "4"
USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS FROM HOURLY DESERVATIONS

STATION	शामसम्बद्धः	724285		TION MAI		KENBACKE	P ANGB	он		MUNTH:		0090: HOURS
CCILING	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		* * * * * * * * * * * * * * * * * * *	CTATUTE	471.56	• • • • • •	• • • • • •	• • • • •
CETLING	C E	٩Ę	G.F	GE	36		SE SE	STATUTE	GE MILES	GE	~ ~	<u>۾</u> .
e e e e e e e e e e e e e e e e e e e	7	٠٠. خ	5	9E 4	>t. 3	GE 2 1/2	3.2				92 374	-
				4	,	2 1/2		1 1/2	1 1/4	1	174	5/4
• • • • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
JIBO CH	35.5	42.4	46.2	43.6	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.
gs 20000	47.7	50.1	54.5	56.0	57.3	58.0	53.1	58.1	59.1	5 P . 1	53.1	53.1
GE 13000	42.8	69.2	54.5	57.0	53.0	53.1	53.2	53.2	59.2	59.2	58.2	58.2
GF 15000	42.3	50.2	54.5	57.0	58.0	58.1	58.2	59.2	58.2	50.2	58.2	59.2
GE 14000	43.1	30.5	55.2	57.5	53.5	58.6	58.7	53 .7	55.7	58 .7	58 .7	53•↑
CE 12000	44.5	52.2	57.0	59.5	00.5	50.8	60.9	60.9	60.9	60.9	60.9	40.4
GF 10000	40.7	53.3	53.7	51.4	52.5	52.7	62.3	52.8	62.8	52.3	62.0	52.1
35 9300	45.0	53.7	37.7	52.7	53 . 2	53.4	53.5	53.5	53.5	63.5	63.5	53.5
RE BOOD	42.5	55.2	52.2	55.2	65.8	57.1	57.5	57.6	57.5	67.6	67.6	67.4
GE 7000	43.3	36.5	62.5	05.5	67.1	57.4	63.0	68.0	68.0	63.0	63.0	63.C
6E 6000	49.0	55.5	o2•8	55.9	57.5	67.5	63.4	55.4	64.4	68.4	63.4	53.4
35 3000	40.3	51	54.4	67.5	57.2	69.6	7:).1	70.1	70.1	72.1	70.1	70.1
GE 4530	51.4	গুকু ক	55.5	70.3	71.5	71.9	72.5	72.5	72.5	72.5	72.5	72.5
35 4000	54.2	63.7	71.0	75.1	77.0	77.5	78.5	73.6	78.5	78.5	73.6	79.5
GE 3500	57.7	57.ª	76.0	30.4	32.4	83.0	33.9	34.3	34.0	34.0	84.0	34.0
SE 3000	51.5	73.1	52.2	ક 7. ∪	39.1	39.8	90.6	90.3	90 • S	90. उ	90 ⋅ 8	90.3
gr 2470	62.9	74.9	14.2	99.3	91.4	32.2	93.1	93.4	93.4	03.4	23.4	33.4
GE 2000	43.2	75.0	35.5	99.4	92.3	93.7	94.5	94,9	34.9	04.9	24.3	34.7
95 1900	53.3	76.0	45.5	90.4	32. R	93.7	94.5	94.9	94.9	94.9	74.9	94.4
GE 1500	55.1	17.5	57.1	92.3	94.3	95.7	95.7	97.0	97.0	97.0	97.0	97.6
GE 1200	o5 • 7	75.5	53.1	93.2	75.9	₹5•8	97.7	95.1	98.1	93.1	98.1	98•1
3F 1000	66.7	70.0	34.5	33.3	96.5	97.4	24.4	93.7	38.7	વાગ્હ	98.9	ஒச் வ
3F 490	64.3	77.2	વવે.વ	94.2	97.1	94.0	98.7	20.2	ງດຸງ	વવ.ક	99.5	93.5
GE BOO	45 to a 3	77.2	39.0	94.3	97.2	99.1	99.7	99.4	79.4	74.7	99.7	97.7
GE 700	55.5	77.4	39.1	34.5	97.5	93.4	99.4	99.7	99.7	100.0	100.0	100.0
GE 500	5 5 • 5	79.4	39.1	94.5	97.5	93.4	99.4	99.7	99.7	100.3	100.0	100.0
Sr 500	1,5,5	73.4	39.1	94.5	97.5	98.4	79.4	99.7	39.7	100.0	100.0	100.1
3F 40)	15.5	77.4	५५.1	94.5	97.5	98.4	97.4	99.7	99.7	100.0	100.0	100.0
GE 300	66.5	73.4	39.1	94.5	97.5	98.4	99.4	99.7	49.7	100.0	100.0	100.0
GE 200	55.5	77.4	39.1	94.5	37.5	99.4	99.4	99.7	97.7	100.0	100.0	100.0
GE 100	36.5	79.4	ੇ9.1	94.5	97.5	93.4	99.4	99.7	99.7	100.3	100.0	100.0
3° 300	44.5	77.4	39.1	94.5	97.5	वत.4	99.4	99.7	99.7	120.0	100.0	100.0
******	• • • • • •	• • • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • • •

TOTAL NUMBER OF DISSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

TO UTS	+ 5	KENBACKE		ए म		MONTH:		ORO: M HOURS:		FEB 88		
•••••		VISIBILI		STATUTE	MILES	• • • • • •	• • • • • •	••••	••••	••••		
3 c	SE	GE	GE	317101E	GE	GE	GE	GE	G₹	SE	GE	SE
4	3	2 1/2	2		1 1/4		3/4	5/8	1/2	3/8	1/4	0
	-					.						• • • • • •
}												
43.5	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
							5 0.	.	F 0 1	53.1	58.1	53.1
75.1	57 . a	58.0	53.1	58.1	59.1	58.1	58.1	58.1	59 .1 58 . 2	58.2	58.2	55.2
7.)	53.0	53.1	53.2	53.2	50.2	59.2	58.2	58.2		58.2	58.2	58.2
57.0	59.0	58.1	53.2	58.2	58.2	58.2	58.2	59.2	58 • 2			58.7
57.5	53.5	58.6	50.7	58.7	59.7	58.7	58.7	58.7	53.7	58.7	58.7	
n3•5	00.5	50.8	60.9	60.9	60.9	60.9	60.9	50.9	60.9	60.9	60.9	60.9
.1.4	52 . 5	52.7	62.3	53.8	62.3	52.a	52.P	52 . 8	62.8	62.8	62.8	52.3
2.7	53.2	53.4	53 . 5	53.5	63.5	63.5	53.5	53.5	63.5	63.5	53.5	63.5
.5.2	55.9	57.1	57.5	57.6	67.6	67.6	57.6	67.6	67.6	67.6	67.5	67.5
17.5	57 . 1	57.4	53.0	63.0	63.0	63.0	63.0	53.0	63.0	68.0	68.0	68.0
2.5.9	57.5	67.5	53.4	68.4	63.4	68.4	63.4	53.4	53.4	63.4	63.4	68.4
] '''	31.0	91.0	99.4	9047	93.4	00.4	0 /• 1	3701	334.	034 .	334 1	•
57.5	57.2	50.5	7:0.1	70.1	70.1	72.1	70.1	70.1	70.1	70.1	75.1	70.1
71.5	71.5	71.9	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
75.1	77.0	77.5	78.5	73.5	78.5	78.5	78.6	73.6	73.6	78.6	78.6	78.6
).4	12.4	3.0	33.9	34.3	34.0	34.0	84.0	34.0	84.0	84.0	84.0	84.0
7.0	37.1	39.8	90.6	90.3	90.3	90.3	90.8	90.3	90.8	90.8	90.8	90.8
3.3	91.4	72.2	93.1	93.4	93.4	03.4	93.4	93.4	93.4	93.4	93.4	93.4
4 . 4	92.8	93.7	94.5	94.9	34.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
10.4	92.8	93.7	34.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
12.3	94.3	95.7	96.7	97.0	97.0	97.3	97.0	97.0	97.0	97.0	97.0	97.0
13.2	75.9	1 5.8	97.7	95.1	98.1	98.1	98.1	93.1	98.1	98.1	93.1	98.1
	n	27 .	.	21.7	00.3	00.0	02.0	ao a	7 9.9	0.2 0	98.9	98.3
4.	75.5	97.4	9H.4	9 3.7	39.7	າຄຸຊ ອດ ຮ	98.9	98.4		93.8	99.5	99.5
• •	97.1	94.0	95.7	33.2	33.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7
3	97.2	99.1	99.1	97.4	99.4	79.7	99.7	92.7	99.7	99.7		
11.5	37.5	93.4	99.4	99.7	99.7	100.3	100.0	100.0	100.0	100.0	100.0	100.0
•••	₹7.5	93.4	99.4	99.7	99.7	100.3	100.0	100.0	100.0	100.0	100.0	100.0
a	97.5	78.4	79.4	93.7	29.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.5	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.5	98.4	99.4	99.7	99.7	100.0	100.0	120.0	100.0	100.0	100.0	100.0
	97.5	99.4	99.4	39.7	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
7	₹7.5	93.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	7143	79# *	, , • •	/ , , , ,	//• ·	.00.7	10010	20010				
	97.5	94.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				• • • • • •								• • • • • •

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILI FROM HOURLY DESERVATIONS

STA	TTON N	пжаев:	724295		TON NA:	-	KENBACKE	R ANGE	3 OH		PERIOD MONTH:	-	CORD: ^	4AR 75 - 15-17
CEI	LING	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	VISIBILI	******	CTATHE	MELCC	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •
	N.	75	3°	GE	GГ	SE	GE	GE	STATUTE	GE GE	GE	GE	GE	35
-	 :⊊ T	7	- G	5 5	4	3	2 1/2	2	1 1/2			3/4		
				,		,	2 1/2		1 172	1 1/4	1	3/4	5/9	1/2
•••	••••	••••	• • • • • • •	• • • • • •		• • • • • • •	• • • • • • • •	••••			• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •
СИ	CEIL	33.0	44.3	47.0	48.9	49.5	49.7	49.9	49.9	49.9	49.9	49.9	43.9	49.9
GE	23000	→7.4	54.5	57.4	59.5	50.3	50.5	50.5	60.3	60.8	60.A	60.B	60.8	69.ª
? =	19000	47.7	54 Q	57.9	59.9	60.8	51.0	61.2	51.2	51.2	51.2	61.2	51.2	61.2
GE	15000	47.7	54.6	57.3	59.9	50.8	51.0	51.2	51.2	51.2	61.2	61.2	61.2	61.2
GE.	14000	43.0	55.1	58.1	50.1	61.0	51.2	61.4	51.4	61.4	61.4	61.4	61.4	61.4
GE	12000	49.5	50.7	59.5	61.8	62.7	53.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE	10000	51.2	23.5	61.9	53.9	54.7	65.2	55.4	55.4	65.4	65.4	65.4	ò5.4	65.4
GE	9999	51.7	50.0	52.4	54.4	65.3	65.7	55.7	55.9	55.9	55.9	65.9	45.9	65.9
G E	9000	55.5	53.5	67.1	59.4	70.4	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE	7000	55.7	53.7	57.2	59.5	70.5	71.0	71.6	71.6	71.5	71.5	71.6	71.6	71.5
G€	6000	56.0	54.0	67.6	69.9	71.0	71.4	72.0	72.3	72.3	72.3	72.3	72.3	72.3
		_												
GE	5000	5 • 5	55•n	59.5	71.9	73.2	73.7	74.4	74.5	74.5	74.5	74.5	74.5	74.5
35	4500	53.3	57.5	71.5	74.0	75.3	75.3	75.5	75.9	76.9	75.7	76.9	75.9	76.9
35	4000	51.3	71.4	75.0	79.0	37.8	31.3	82.2	52.5	42.5	32.5	82.5	82.5	92.5
3E	3500	55.3	75.7	30.5	43.9	35.6	86.1	87.9	37.3	37.4	37.4	87.4	87.4	87.4
GΕ	3000	59.0	30.0	85.3	89.1	91.2	92.0	93.1	93.4	93.5	93.7	93.7	93.8	93.8
ĢΕ	2500	59.1	31.4	3 7. 2	91.2	93.3	94.2	95.4	95.7	95.8	95.7	25.9	34 0	24.2
ge ge	2000	70.9	92.4	33.5	92.3	73.3				•			95.0	95.0
ĞĒ	1800	72.0	32.4	93.5	92.9	95.1	95.3 95.9	97.1 97.2	97.4 97.5	97.5 97.7	77.5	97.5	97.7 98.0	97.7 93.9
G.=	1500	71.3		30•5			· -		-	-	97.8	97.8		
	-		ეგ . მ		33.5	95.8	95.3	93.1	93.4	98.5	98.7	93.7	98.9	99.9
GE	1200	71.5	33.2	59.7	94.1	95.6	97.5	95.8	99.1	99.4	99.5	99.5	99.6	99.6
38	1000	71.5	33.2	19.9	94.3	96.3	97.7	97.0	99.5	99.7	99.3	99.8	99.9	99.9
35	777	71.7	13.3	27.7	74.4	95.9	97.8	99.1	97.5	99.9	19.9	99.9	100.0	100.0
<i>r,</i> =	300	71.7	93.3	90.0	94.4	95.9	97.8	99.1	99.6	99.3	99.9	99.9	100.0	100.0
ĢĘ	700	71.7	33.3	99.0	94.4	96.9	97.3	99.1	99.6	99.8	99.9	99.3	100.0	190.0
GE	500	71.7	3.3	90.U	94.4	95.9	97.5	99.1	99.6	99.8	99.7	99.9	100.0	100.0
35	50)	71.7	33.3	30.0	74.4	95.9	97.8	99.1	99.5	99.8	99.1	99.9	100.0	100.0
ĢE	400	71.7	33.3	20.0	34.4	75.7	97.3	99.1	99.6	30.3	99.9	99.4	100.0	100.0
GE.	300	71.7	53.3	99.0	94.4	95.9	97∙8	99.1	99.6	99.9	99.7	99.9	100.0	100.0
üΕ	200	71.7	23.3	90.0	94.4	95.9	97.8	99.1	99.6	99.3	99.9	99.9	100.0	100.0
GE	100	71.7	33.3	99.0	94.4	96.9	97.8	99.1	99.5	99.8	99.9	99.9	100.0	100.0
g =	ეცე	71 7	. 2 2	22.2	34 /	0/ 0	27.0	20.1	22.7	00.7	20.2	C \ C	100.0	100 3
, -		71.7		33.3	34.4	95.9	97.3	73.1	93.6	99.4	വറ്റ	04.0	170.0	100.0
• • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •

TOTAL NUMBER OF DISERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	ME: RIC	KENBACKI	ER ANGB	Эн		MONTH:	JUL	ORD: M	15-17	FEB 88		
	,	VISIBIL	ITY IN	STATUTE	MILES		•					
50	SE	GE	GE	SE	G.E	GE	GE	G€	G∃	GE	GE	GE
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/9	1/4	Э
			• • • • • •					• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
1.9	49.5	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
1.5	50.3	50.5	50.5	60.3	60 . 8	60.8	60.8	60.8	60.8	60.3	60.8	60.8
9.9	50 . 3	51.0	51.2	51.2	51.2	51.2	61.2	51.2	61.2	61.2	61.2	61.2
9.9	50.8	61.0	51.2	61.2	61.2	61.2	61.2	61.2	61.2	51.2	61.2	61.2
0.1	61.0	51.2	61.4	61.4	51.4	61.4	61.4	51.4	51.4	51.4	61.4	61.4
	52.7					63.2	63.2	63.2	63.2	63.2	63.2	63.2
1.5	32.1	53.0	53.2	63.2	63.2	03.2	03.2	03,2	03.2	03.2	03.2	03.2
3.9	54.7	65.2	55.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
4.4	65.3	55.7	55.7	55.9	55.0	55.9	65.9	55.9	65,9	65.9	65.9	65.9
9.4	70.4	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
9.5	70.5	71.0	71.6	71.6	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6
9.4	71.0	71.4	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
	,1.0	1111	12.00	1245	12.5	1213	16.0	, , ,		1213	1245	12.53
1.4	73.2	73.7	74.4	74.5	74.5	74.5	74.6	74.5	74.6	74.6	74.5	74.6
••)	75.3	75.3	75.5	75.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
3.0	30.8	41.3	92.2	92.5	32.5	32.5	92.5	82.5	92.5	92.5	82.5	82.5
3.3	35.6	36.1	87.0	37.3	37.4	37.4	87.4	87.4	87.4	97.4	87.4	37.4
4.1	71.2	92.0	93.1	93.4	93.5	93.7	93.7	93.8	93.H	93.8	93.8	93.8
• •		,,,,,	,,,,,,	,,,,,	,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,	• - •	,,,,			
1.2	93.3	94.2	95.4	95.7	95.8	95.7	95.9	96.0	95.0	96.0	95.0	96.0
2.3	94.9	95.3	97.1	97.4	97.5	27.6	97.6	97.7	97.7	97.7	97.7	97.7
2.9	95.1	95.9	97.2	97.5	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0
3.5	35.5	95.3	98.1	93.4	98.5	98.7	93.7	98.8	98.8	98.8	98.8	98.8
1.1	95.6	97.5	98.8	39.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6
									_			_
• • 3	35.3	97.7	99.0	99.5	99.7	99.3	99.3	99.9	99.9	99.9	99.9	99.9
4 . 4	75.9	97.3	99.1	97.5	ପ୍ରାପ ନ	79.9	99.9	100.0	100.0	100.0	100.0	100.0
4.4	95.9	97.8	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
4.4	96.9	97.3	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
4 4	95.9	97.5	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
-					•				-			
4.4	95.9	97.8	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
4	35.7	97.3	99.1	99.6	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.7
4 . 4	95.9	97.3	99.1	99.6	99.9	99.9	99.9	120.0	100.0	100.0	100.0	100.0
4	95.9	97.8	99.1	99.6	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0
4.4	96.9	97.8	99.1	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
4	95.9	97+3	99.I	92.6	99.4	99.9	99.9	100.0	100.0	100.9	100.0	100.0

0 - 2 - 50

ł

j

]

OPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI FROM HOURLY OBSERVATIONS

STI	א ארנדנ	Mwises:	724285	LST	TO UTC:	: + 5	CKENBACKE		з эн		PERIOD MONTH:		CORO: *	-
CE!	ILING	• • • • • •			• • • • • • •		AISISIFI		STATUTE	MILES	•••••	•••••	•••••	• • • •
ŧ	[N	SE	GF	SE	GE	GE	GE	GE	GE	GΕ	GE	GE	GI	
_	EET	7	4	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/d	!
			******	•••••	,	,	*******		•••••	******	*****	******	•••••	
NO	CEIL	43.2	51.3	54.6	56.3	59.2	59 .7	59.9	60.0	50.0	60.0	60.0	60.0	ť
	20000	50.5	53.5	62.3	54.5	67.4	68.0	68.2	63.3	58.3	69.3	68.3	68.3	£.
	19000	51.0	59.0	62.7	55.1	67.8	5 8.4	68.6	58 .7	58.7	69.7	63.7		4
	16000	51.0	59.0	62.7	55.1	67.8	68.4	68.6	54.7	58.7	58.7	59.7		- 6
	14000	51.2	59.2	62.9	65.3	63.1	68.6	63.8	68.9	58.9	68.9	68.9		6
GE	12000	52.7	51.0	54.7	67.1	70.0	70.5	70.8	70.9	70.9	70.9	70.9	70.7	7
ge.	10000	54.5	63.0	55.9	59.5	72.5	73.0	73.2	73.3	73.3	73.3	73.3	73.3	
SE	9909	55.1	53.5	57.5	70.3	73.2	73.3	74.0	74.1	74.1	74.1	74.1		1
3F	8000	58.5	53.0	72.5	75.4	78.7	79.2	79.7	79.9	79.9	79.9	79.9		
GE	7000	59.0	55.5	73.1	76.0	79.5	90.0	80.4	30.6	80.6	80.6	80.6		
GE	6000	59.1	58 .7	73.2	76.1	79.7	80.2	80 . 8	31.1	31.1	31.1	81.1	81.1	-
3E	5000	50.3	70.1	74.7	75.)	31.7	92.3	82.8	33.1	33.1	33.1	33.1	83.1	4
7,5	45))	61.5	71.7	75.3	79.3	93.8	94.3	84.5	95.2	35.2	85 . 2	95.2		
GF	4000	54.3	75.7	91.5	84.6	33.9	89.6	90.2	99.5	70.5	90.5	90.5	20.5	
GΕ	3500	57.9	73.2	34.2	37.3	92.5	93.1	93.8	94.1	94.1	94.1	94.1		
Gt	3000	63.4	77.9	36.0	90.0	94.8	95 .7	96.0	95.9	95.9	96.7	96.9	96.9	c
35	2510	63.5	ag. 2	35.3	90.4	95.3	96.5	77.3	97.7	97.7	97.9	97.9	37.P	
ς:	5000	5ª• [□]	30.4	35.5	91.0	95.2	97.4	919.4	98.8	ાકુ , વ	99.1	99.1		
35	1300	40.3	77.4	35.5	91.0	75.2	97.4	98.4	98.8	78.8	99.1	99.1	99.1	•
GE	1500	59.0	³ 9.3	95.9	91.3	95.6	97.8	98.9	99.4	99.4	99.7	99.7		:
GE	1200	5 9.1	30.9	a7.0	91.4	95.7	98.0	99.0	99.5	99.5	99.8	99.8	97.8	•
Ģ -	1000	59.1	21.0	17.1	91.5	95.9	98.2	99.3	70.7	77.7	100.0	100.0	100.0	17
7,5	300	69.1	31.0	37.1	91.5	15.9	98.2	94.2	20.7	39.7	100.0	100.0	100.0	1:
SE	3 0 0	57.1	31.0	37.1	91.5	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	10
GΞ	700	59.1	31.0	37.1	91.6	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	1:
GE	500	59.1	31.0	37.1	91.6	96.9	93.2	99.2	99.7	99.7	100.3	100.0	100.0	1 (
7,5	son	69.1	31.0	77.1	71.5	95.9	99.2	93.2	39.7	99.7	100.0	100.0	100.0	1:
GF	400	57.1	31.0	37.1	21.5	95.9	93.2	33.2	99.7	99.7	100.0	100.0	100.0	1 1
35	300	69.1	31.0	37.1	91.5	95.9	98.2	99.2	99.7	99.7	120.0	100.0	100.0	11
Se	200	57.1	31.0	87.1	91.6	35.9	93.2	99.2	99.7	99.7	100.0	100.0	100.0	11
GE	130	69.1	31.0	87.1	91.6	76.9	98.2	79.2	99.7	99.7	100.0	100.0	100.0	11
Çe	مذي	63.1	31.0	17.1	91.5	95.9	98.2	99.2	33.7	99.7	100.0	100.0	100.0	1
• • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • • •		•••••	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • •

TOTAL NUMBER OF DESERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ł

1	NAME:	RICKENB	ACK TR AN	HC 80				CORD: : HOURS:	MAR 78 -	FE8 88		
【.`	urc: + !	, • • • • • •				MONTH:		18083	15-20		• • • • • •	
ţ				N STATUTE								
1			-	. –	GE	GE	GE	GE	GE	GE	GE	GE
3	•	3 2	1/2 2	1 1/2	2 1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
1												
`.	• 3 59	.2 59	.7 59.	9 60.0	60.0	60.0	60.0	60.0	60.0	60.0	50.0	60.0
	.5 67	.4 58	.0 63.	2 63.3	58.3	69.3	68.3	68.3	69.3	68.3	63.3	68.3
, ''			.4 68.		58 . 7	69.7	68.7	68.7	63.7	68.7	68 .7	68.7
5	·1 67.	• B 68	.4 65.	6 59.7	58.7	68.7	58.7	68.7	68.7	58.7	68.7	68.7
}. າ	• 3 63 .	.l 58	.6 63.		68.9	68.9	68.9	68.9	68.9	63.9	68.9	68.9
7	•1 70.	.0 70	.5 70.	8 70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
	.5 72.	.5 73	.0 73.	2 73,3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
	.3 73.	.2 73	.3 74.		74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
٠. د	. 4 79.	.7 79	.2 79.	7 79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
	.a 79.		.0 80.		80.6	80.5	80.6	80.6	80.6	80.5	80.6	80.6
	•1 79.	. 7 ಕ೦	.2 80.	8 31.1	81.1	51.1	81.1	81.1	81.1	81.1	81.1	81.1
	.) 31	.7 92	.3 =2.	3 93.1	33 • 1	33.1	33.1	83.1	83.1	33.1	53.1	83.1
7.3	.3 93	.a. 94	.3 84.	5 ^{9,5} • 2	35.2	85.2	85.2	85.2	85.2	85.2	85.2	35.2
4	• 6 33	. 9 39	.5 90.	2 99.5	30.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
1.7	. (92.	.5 93	.1 93.	3 94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
100	.) 94.	. 3 95	.7 96.	6 95.9	96.9	96.7	96.9	96.9	95.9	96.9	96.9	96.9
, ₁	. 3 75	.3 96	.5 31.		97.7	97.9	97.3	97.8	07.8	97.8	97.8	97.8
1-1		. 2 37	.4 94.		39.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	.0 95	.2 97	.4 98.	4 98.8	79. 8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
71					99.4	99.7	99.7	99.7		99.7	99.7	99.7
121	. 4 95.	• 7 99	.0 99.	0 99.5	79.5	99.8	99•8	99.8	99.8	99.8	99.8	99.8
	. 5 93.	a a g	.2 93.	? 22.7	39.7	120.0	100.0	100.0	100.0	100.0	100.0	100.0
1	.5 75.		.2 99.	2 99.7	39.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	•5 95 .	.9 98	.2 99.	2 99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
$^{\prime}1$.		•9 93	.2 99.		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	· ⁶ 95	•9 93	.2 39.	2 99.7	99 .7	100.3	100.0	100.0	100.0	100.0	100.0	100.0
:				2 22.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.3
1	.5 95.	• 9 93	.2 99.	2 39.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1 :		, 9 98	.2 99.		99.7	120.0	100.0	100.0	100.0	100.0	100.0	100.0
	. 5 35.				94.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
14.	. 5 30.	98	•2 99•	2 99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1.	. 6 95	.o 93	.? 97.	2 99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
· ·	• • • • • • •	• • • • • • •	• • • • • • • •		•••••	• • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •

0 = 2 = 51

ı

** OPERATING LOCATION MAM**
USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIST

STATION	t MANGE:	₹: 724285		AM MEIT	: + 5	KENBACKE				MONTH:	JUL	HOURS:	448 211
CEILING	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •				STATUTE		• • • • • • •	• • • • • •	• • • • • • •	•••
IN	, 05	GE	GE	GE	GË	GE	GE.	SE	36	GE	SΕ	GF	
EECT.			5	0 ti	3	2 1/2	2		1 1/4	1	3/4	5/3	1
		· · · · · · · · · · · · · · · · · · ·			, 	4 1/4		1 1/	1 1/7)/ ~	3/7	
•••••	• • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	•••
NO CEIL	. 43.	4 49.7	5 5. 8	59.1	62.8	63.8	64.9	55.2	65.2	65.2	65.2	65.2	•
GE 2000	00 47.	2 54.1	61.2	65.3	59.6	70.6	72.0	72.5	72.5	72.5	72.5	72.5	•
GF 1300			51.2	55.3	57.5	70.6	72.0	72.5	72.5	72.5	72.5		
SF 1600	0 47.	2 54.1	51.2	65.3	59.6	70.6	72.0	72.5	72.5	72.5	72.5	72.5	•
SE 1400	0 47.	3 54.2	51.3	65.4	69.7	70.8	72.2	72.5	72.5	72.6	72.6		
GE 1200	00 43.4	4 55.4	63.0	67.1	71.5	72.6	74.0	74.4	74.4	74.4	74.4		
SE 1000) 3 50.4	57.3	64.9	59.1	73.8	75.2	75.7	77.1	77.1	77.1	77.1	77.1	7
GE 900			55.5	59.9	74.6	76.1	77.5	73.1	79.1	73.1	79.1		
55 400			59.5	74.3	79.5	31.0	83.0	33.5	33.5	93.5	93.5		
SE 700	-		70.4	75.2	30.3	31.3	83.9	94.4	34.4	34.4	84.4		
GE 600			70.5	75.4	30.5	92.0	84.1	84.5	84.6	84.5	84.5		
•••			,			, u	- · • •					• • • •	-
GE 530			72.0	77.3	82.8	34.3	86.3	35.9	36.9	85.9	85.9	86.9	r
GF 450	10 55.	7 53.5	73.3	78.7	34.5	85.J	83.1	33.6	39.5	34.5	83.5	88.5	٤
SE 430	57.6	5 55.7	75.1	81.5	37.4	39.0	91.2	91.7	91.7	91.7	91.7	91.7	Ç
GE 350	10 53.2	2 55.5	77.3	32.9	38.9	90.5	92.8	93.3	93.3	93.3	93.3	93.3	c
GE 300	53.	3 57.3	78.5	34.2	90.4	92.2	94.4	95.1	95.1	95.2	95.2	95.2	ċ
GE 250	0 59.	7 53.5	მა.1	35,3	72.3	94.0	96.3	97.0	97.U	97•1	97.1	97.1	
GE 200	j 53•1	7 53.5	30.1	45.9	92.4	94.1	95.9	97.4	37.4	97.5	97.5	97.5	
SE 180	59.	7 58.5	30.1	85.9	92.5	94.2	97.0	97.6	97.6	97.7	97.7	97.7	c
GF 150	59.	7 68.6	30.2	86.0	92.9	94.3	97.8	99.5	99.5	98.6	98.5	98.6	r
GE 120	3 59.6	5 55.8	80.4	36.2	73.1	95.2	98.2	98.9	98.9	99.3	99.1	99.1	ç
GE 100	59.0	5 5 4 3	30.4	35.2	93.2	95.4	93.4	99.1	99.1	99.2	99.4	92.4	Ç
SE 90			30.4	36.2	93.2	95.5	93.5	99.2	99.2	99.4	99.5		
GF 30			90.4	96.2	93.2	95.6	93.6	99.4	99.4	99.5	99.5		
3º 70			90.5	36.3	93.3	95.7	99.8	99.5	99.5	99.7	99.8		
GE 50	-		80.6	86.5	93.4	95.8	99.0	99.8	99.8	99.9	100.0		
U L 33	· • • • ·	9243	100 € 0	70.0	7217	73011	77.0	7710	77.5	77.7	100.0	100.0	1
GE 50			40.6	45.5	93.4	95.9	99.0	99 ₆ 3	99.₽	99.9	100.0		1(
GF 40	0 59.0	3 20.3	30.5	45.5	93.4	95.3	99.0	កាធាតិអូ	90.8	0 0 *0	100.0	100.0	10
GE 30	0 59.0	9.0	90.6	46.5	93.4	95.8	99.0	99.8	99.8	99.9	100.0	100.0	10
GE 20	59.9	9 57.0	30.6	86.5	93.4	95.8	99.0	99.8	99.8	99.9	100.0	100.0	10
GE 10	0 59.	9 69.0	50.6	46.5	93.4	95.8	99.0	99.3	97.3	99.9	100.0	100.0	10
3F 00	n 50.0	1 49,A	33.5	95,5	93.4	95.0	99.0	99.8	99.a	99.9	100.0	100.0	1′

TOTAL NUMBER OF DESERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AFFORMATION NAME		KENBACKF	R ANGS	Øн		PERIOD	OF REC	ORD: M		FE8 88	. •	
. 10 010						*******	300	110063				
,		VISIBILI	TYIN	STATUTE	MILES		••••					
66	Gë	GE	GE	SE	SE	GE	GE	GF	GE	GE	GE	SE
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/8	1/4	0
		• • • • • • •	• • • • • •		• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • •
59.1	62.8	53.8	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
55.3	59.6	70.6	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
55.3	53.5	70.6	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
55.3	69.6	70.5	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
45.4	69.7	70.8	72.2	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
57.1	71.5	72.6	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
3,,,,	11.0	, 2.0	17.0	• • • •	, , , ,							
59.1	73.8	75.2	75.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
59.3	74.6	76.1	77.5	78.1	78.1	78.1	78.1	79.1	79.1	78.1	78.1	78.1
74.3	79.5	81.0	83.0	83.5	33.5	83.5	83.5	83.5	83.5	83.5	83.5	93.5
75.2	30.3	91.8	83.9	34.4	34.4	34.4	84.4	84.4	84.4	84.4	94.4	84.4
75.4	30.5	82.0	84.1	84.5	84.6	84.6	84.5	84.6	84.6	34.5	84.6	84.6
			_		_							
77.3	32.3	34.3	o6 • 3	36.9	86.9	85.9	86.9	85.9	86.9	86.9	86.9	36.9
74.7	34.5	36.0	93.1	93.6	39.5	34.5	88.6	88.5	P8.6	88.6	83.6	29.5
41.5	37.4	99.0	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
52.9	98.9	90.5	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
34.2	90.4	92•2	94.4	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
25.3	92.3	94.0	96.3	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
45.9	92.4	94.1	95.9	97.4	37.4	97.5	27.5	97.5	97.5	97.5	97.5	97.5
95.9	92.5	94.2	97.0	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
35.0	92.9	94.3	97.8	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
30.2	73.1	95.2	98.2	98.9	93.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
	_											
35.2	93.2	95.4	93.4	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
46.2	93.2	95.5	28.5	33.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
36.2	93.2	95.6	93.6	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6
₹5.3	93.3	95.7	98.4	99.6	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
35.5	93.4	95.8	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
ج رب د	93.4	95.8	99.0	99₄3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
-5.5	93.4	95.3	99.0	99.8	99.8	00.9	100.0	100.0	100.0	100.0	100.0	100.0
⊀6. 5	93.4	95.8	99.0	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
35.5	93.4	95.8	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
15.5	93.4	95.8	99.0	99.3	99.3	99.9	100.0	100.0	100.3	100.0	100.0	100.0
										_		
75.5	93.4	95.8	99.0	99.B	99.A	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • •

OPERATING LOCATION MAM USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI FROM HOURLY DESERVATIONS

				LST	TO UTC	+ 5	KENBACKE				HTMDM:	OF RECO	JRO: MA JRS: ALL
	ILING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •				STATUTE		• • • • • • •	• • • • • •	• • • • • • •
	IN	95	G E	GE	GE	SΕ	GE	GE	GE	GE.	GF	GE	GE
	: 1	7	35	5	4	33	2 1/2	2		1 1/4	1	3/4	5/3
						• • • • • • •					• • • • • • •		
NO	CEIL	35.8	41.7	45.6	50.8	53.8	54.9	56.3	56.9	57.2	57.4	57.5	57.5
с г	20300		47.3	c > 1	5 7 6		(2.3	(2.3	,,,,	(1.0	(5.3	45.3	46.3
	18000	40.9 41.1	47.4	53.1 53.2	57.5 57.6	61.0	52 • 2 52 • 4	63.3 54.0	54.6 54.7	54.9 55.0	55.2 65.4	65.3	65.3
	15000	41.1	47.4	53.2	57.7	61.2 61.2	62.4	64.0	64.7	55.0	55.4	65.5 65.5	65.5 65.5
	14000	41.3	47.6	53.4	57.9	61.4	62.6	64.2	64.9				
	12000	42.4	48.8	54.9	59.4	63.2	64.4	66.1	66.9	65.2 67.2	65.6 67.5	65.7 67.6	65.7 67.6
Q.L.	15000	74.4	**************************************	3447	3764	33.2	34.4	00.1	90.7	01.2	01.0	07.0	07.5
G.F.	10000	43.7	97.4	56.7	61.4	65.4	56.7	63.4	59.2	59.5	59.9	70.0	70.0
GE	9000	44.1	50.9	57.3	52.2	56.3	67.6	69.4	70.1	70.4	70.8	71.0	71.0
SE	9000	47.0	54.2	51.2	66.5	71.1	72.6	74.3	75.7	76.0	76.4	76.5	76.5
GE	7000	47.4	54.5	61.7	67.0	71.7	73.1	75.4	76.3	76.6	77.0	77.1	77.1
GE	6000	47.5	54.8	61.9	67.3	71.9	73.4	75.7	76.6	76.9	77.3	77.4	77.4
SE	5000	40.5	56.0	53.5	59.1	73.9	75.4	77.8	73.7	79.0	79.4	79.6	79.6
35	4500	47.5	57.3	55.0	70.7	75.7	77.3	79.5	80.5	30.9	81.3	81.5	81.5
GE	4000	5:.7	59.9	68.3	74.2	79.6	81.3	83.9	85.0	95.3	85.7	85 • 8	85.8
GE	3500	53.3	51.6	70.5	76.6	82.1	83.9	36.5	87.5	87.9	83.3	88.5	ಕ8∙5
GE	3000	55.0	-3.7	72.9	79.4	45.2	37.1	89.9	91.0	91.4	91.3	91.9	92.0
7,0	2500	55.7	4,40	74.1	30.5	36.5	38.5	91.3	92.5	92.9	93.3	93.5	93.5
35	5000	54.3	55.5	74.7	41.7	37.7	89.7	92.7	23.9	34.2	94.7	94.9	95.0
GE	1800	56.4	55.6	75.0	31.7	87.8	89.8	92.8	94.0	94.4	94.9	95.1	95.1
GE	1500	56.7	55.2	75.7	82.5	33.8	90.9	94.0	95.2	95.6	96.1	96.3	96.4
GE	1200	57.2	55.5	76.2	83.1	39.5	91.7	94.8	96.1	95.4	97.0	97.2	97.3
35	1000	57.4	45. a	75.5	93.5	90.1	92.3	95.4	95.7	97.1	97.7	97.9	97.9
GE	900	57.5	56.9	76.7	93.3	90.4	92.7	95.8	97.1	97.4	98.0	98.2	98.3
SE	320	57.5	57.0	76.3	84.0	90.7	93.0	95.1	97.4	97.8	99.4	99.6	98.7
GE	700	57.6	57.0	76.3	84.0	90.7	93.1	96.3	97.7	98.1	98.7	98.9	93.9
GE	600	57.5	57.1	76.9	84.1	90.9	93.3	96.6	97.9	98.3	99.0	99.1	99.2
٠	00.7	21.03	01.1	10.7	0441	70.7	73.3	75.0	71.7	70.3	77.0	7741	77.2
SE	500	57.5	57.1	75.9	34.2	91.0	93.5	95.8	93.2	79.6	99.2	99.4	99.5
35	400	57.5	57.1	76.9	84.2	91.0	93.5	96.8	98.2	98.7	99.3	99.5	99.6
GE	300	57.5	67.1	76.9	34.2	91.0	93.5	95.9	98.3	98.7	99.3	99.6	99.7
GE	200	57.5	67.1	76.9	84.2	91.0	93.5	96.9	98.3	98.7	99.4	99.6	99.7
GE	100	57.5	57.1	76.9	84.2	91.0	93.5	96.9	98.3	98.7	99.4	99.6	99.7
				-									
3°	000	57.6	67.1	75.7	34.2	91.0	93.5	95.9	99.3	98.7	99.4	99.5	99.7
• • •	• • • • • •						. .						

TOTAL NUMBER OF DESERVATIONS 7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

18	AN NCITA		KENBACKE	RIANGB	Э Н -			OF REC			FEB 88		
7	• • • • • • •	• • • • • • •	VISIBILI	TY IN	STATUTE	MILES	•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •
: :	GE	GΕ	GE	SE	GE		GE	GE	GE	GΞ	GE	GE	GE
'⊇(4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/3	1/4	0
•	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •
	50.8	53.8	54.9	56.3	56.9	57.2	57.4	57.5	57.5	57.6	57.6	57.6	57.7
	57.5	61.0	62.2	63.3	54.6	54.9	65.2	65.3	65.3	65.4	65.4	65.5	65.5
	57.5	61.2	62.4	54.0	54.7	55.0	65.4	65.5	65.5	65.6	65.6	65.6	65.6
• 1	57.7	51.2	62.4	64.0	64.7	55.0	65.4	65.5	65.5	65.6	65.6	65.6	65.7
	57.9	51.4	62.6	64.2	64.9	65.2	65.6	65.7	65.7	65.8	65.8	65.8	65.9
• 1	59.4	53.2	64.4	66.1	66.9	67.2	67.5	67.6	67.6	67.7	67.7	67.8	67.8
. 1	61.4	65.4	56.7	63.4	59.2	59.5	59.9	70.0	70.0	70.1	70.1	70.1	70.2
	52.2	66.3	57.5	69.4	70.1	70.4	70.8	71.0	71.0	71.0	71.0	71.1	71.1
• •	55.5	71 • 1	72 • 6	74.3	75.7	76.0	76.4	76.5	76.5	76.6	76.6	76.6	76.7
•	67.0	71.7	73.1	75.4	76.3	76.6	77.0	77.1	77.1	77.2	77.2	77.2	77.3
۰	67.3	71.9	73.4	75.7	76.6	76.9	77.3	77.4	77.4	77.5	77.5	77.6	77.6
	59.1	73.0	75.4	77.3	73.7	79.0	79.4	79.6	79.6	79.7	79.7	79.7	79.8
	70.7	75.7	77.3	79.5	80.5	30.9	81.3	81.5	81.5	81.6	81.6	81.6	81.7
9	74.2	79.6	81.3	83.9	85.0	35.3	85.7	85.8	85.8	85.9	95.9	86.0	86.0
. 4.	76.5	82.1	83.9	86.5	87.6	87.9	83.3	88.5	88.5	88.6	38.6	88.7	88.7
• 1	79.4	45.2	37.1	89.9	91.0	91.4	91.3	91.9	92.0	92.1	92.1	92.1	92.2
. 4	35.5	35.5	38.5	91.3	92.5	92.9	93.3	93.5	93.5	93.6	93.6	93.7	93.7
. : (71.7	37.7	89.7	92.7	93.9	74.2	94.7	94.9	95.0	35.1	95.1	95.1	95.1
	31.7	87.8	89.8	92.8	94.0	94.4	94.9	95.1	95.1	95.2	95.2	95.3	95.3
	52.5	33.8	90.9	94.0	95.2	95.6	96.1	96.3	96.4	95.4	96.5	96.5	96.5
.3	33.1	39.5	91.7	94.8	96.1	95.4	97.0	97.2	97.3	97.3	97.4	97.4	97.4
	43.5	92.1	92.3	95.4	95.7	97.1	37.7	97.8	97.9	98.0	98.0	98.1	98.1
4.	33.3	37.4	92.7	95.3	97.1	97.4	98.0	98.2	98.3	38.4	98.4	98.4	98.5
.4	64.0	90.7	93.0	95.1	97.4	97.8	93.4	99.6	98.7	98.8	98.8	98.8	98.9
0.	84.0	90.7	93.1	96.3	97.7	98.1	98.7	98.9	98.9	99.0	99.0	99.1	99.1
3	54+1	90.9	93.3	96.6	97.9	98.3	99.0	99.1	99.2	99.3	99.3	99.3	99.4
4	24.2	91.9	93.5	95.5	98.2	99.6	99.2	99.4	99.5	99.6	99.6	99.7	99.7
7	a 4, 5	91.0	93.5	95.3	98.2	29.7	79.3	99.5	99.6	99.7	99.7	99.7	99.7
7	34.2	91.0	93.5	95.9	98.3	98.7	99.3	99.6	99.7	99.7	99.8	99.3	99.9
ů,	34.2	91.0	93.5	95.9	98.3	98.7	99.4	99.6	99.7	99.8	99.8	99.9	99.9
8	44.2	91.0	93.5	96.9	98.3	98.7	99.4	99.6	99.7	99.8	99.8	99.9	100.0
ā.	34.?	91.0	93.5	95.9	99.3	98.7	79.4	99.5	99.7	99.8	99.8	99.9	100.0
	• • • • • • •								• • • • • •				• • • • • •

7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIS FROM HOURLY DESERVATIONS

CEILING 194 195 196 197 197 198 198 198 198 198 198 198 198 198 198	ST	ATION N	WMBER:	724285		TION NAI	+ 5	KENBACKE				MONTH:	AUG	ORD: MA	
19	C.F.	II ING	• • • • • •	• • • • • • •		• • • • • • •						• • • • • • •	• • • • • • •	• • • • • • •	• • • •
NO CEL 37.8 41.5 48.3 54.2 51.1 51.9 53.7 53.9 63.9 63.9 63.9 63.9 64. RE 20300 40.4 45.2 52.7 59.0 66.5 67.3 69.0 59.2 69.2 69.2 69.2 69.2 69.2 69.2 69.2 6			g.∈	0E	GE	G E						GE	GE	GE	g:
NO CEIL 37.8 41.6 48.5 54.2 51.1 51.9 53.7 63.9 63.9 63.9 63.9 63.9 63.9 63.9 63.9	= (FT	7	6											17.
GE 20000 40.4 45.2 52.7 59.0 66.5 67.3 69.0 69.2 69.2 69.2 69.2 69.2 69.2 69.2 69.2	• •	• • • • • •		• • • • • • •			• • • • • •		• • • • •			• • • • • •	• • • • • •	• • • • • •	
GE 19000 40.5 45.3 52.8 69.1 66.6 67.4 69.1 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.4	NO	CEIL	37.8	41.6	48.3	54.2	61.1	61.9	63.7	63.9	63.9	63.9	63.9	63.9	54.
GE 19000 40.5 45.3 52.8 69.1 66.6 67.4 69.1 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.4															
GE 16000 40.5 45.3 52.8 59.1 66.6 67.4 69.1 59.4 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.7 69.7 69.7 69.7 69.7 69.7 69.7 70.0 69.7 69.7 70.3	_														
GE 14000 40.9 45.6 53.1 59.5 66.9 67.7 59.5 69.7 69.7 69.7 69.7 70. GE 12000 41.4 46.1 53.7 60.1 67.5 68.4 70.1 70.3 70.3 70.3 70.3 70.3 70.3 70.3 70.3		-													
GE 12000 41.4 46.1 53.7 60.1 67.5 68.4 70.1 70.3 70.3 70.3 70.3 70.3 70.3 70.3 70.3															
GE 10000 44.0 43.7 56.5 64.6 73.1 74.3 76.3 77.1 77.1 77.1 77.1 77.1 77.1 77.1 77						-									
GE 9000 44.2 49.0 56.3 55.3 73.8 74.9 77.0 77.7 78.4 79.6 81.4 84.0 84.0 84.1 84.7 78.4 85.4 85.4 85.4 85.4 85.4 85.4 85.4 85.4 85.4 8	GE	12000	41.4	46.1	53.7	60.1	67.5	63.4	70.1	70.3	73.3	70.3	70.3	70.3	70.
GE 8000 47.2 52.4 51.0 69.6 79.9 80.8 83.3 84.1 84.1 84.1 84.1 84.1 84.1 84.6 GE 7000 47.8 53.0 51.6 70.2 79.6 81.4 94.0 84.7 84.7 84.7 84.7 85.6 60.00 48.1 53.3 51.9 70.8 80.1 81.9 84.0 85.4 85.4 85.4 85.4 85.4 85.4 85.4 85.4	GE	10000	44.0	43.7	56.5	64.6	73.1	74.3	76.3	77.1	77.1	77.1	77.1	77.1	77
GE 7000 47.8 53.0 51.6 70.2 79.6 81.4 94.0 94.7 94.7 94.7 94.7 84.7 84.7 84.7 84.7 84.7 84.7 85.4 85.7 87.3 <	G.F	9000	44.2	49.9	56.9	65.3	73.9	74.9	77.0	77.7	77.7	77.7	77.7	77.7	79.
GE 7000 47.8 53.0 51.6 70.2 79.6 81.4 84.0 84.7 84.7 84.7 84.7 84.7 84.7 84.7 85.4 <	GE	8000	47.2	52.4			78.9			84.1		84.1	84.1		84
GE 6000 49.1 53.3 61.9 70.8 80.1 91.9 84.0 85.4 85.4 85.4 85.4 85.4 85.6 62 6000 43.4 53.7 62.5 71.4 81.0 82.8 85.6 30.3 66.3 80.3 86.3 80.3 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86	GE	7000	47.3	53.0											85
GE 4500 49.8 54.1 53.0 72.3 81.9 93.8 86.5 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3	GE	6000	48.1	53.3	61.9	70.8	३०.1	31.9	84.6	35.4	85.4	85.4	85.4	35.4	85
GE 4500 49.8 54.1 53.0 72.3 81.9 93.8 86.5 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3	CĒ	50.50	43.4	53.7	62.5	71.4	31.0	42 B	95.6	97. 3	86.3	do 3	46.3	й ь . 3	84
96 4000 49.8 55.7 55.1 74.7 84.8 97.1 89.9 90.6 90.6 90.6 90.6 90.6 91.6 3500 50.9 50.9 65.7 56.2 76.1 86.3 88.6 91.5 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3													_		
65 3500 50.0 50.0 56.2 76.1 86.3 38.6 91.5 92.3 <										-					
GE 3000 51.7 57.8 67.5 77.7 38.3 90.8 93.9 94.6 94.6 94.7 94.7 94.7 95.7 95.8 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2	-	-													
GE 2500 51.8 55.0 67.5 73.1 33.7 91.2 94.3 95.1 95.1 95.2 95.2 95.2 95.2 95.2 95.2 2700 51.7 53.1 52.0 76.5 87.1 91.6 94.3 95.1 95.8 95.7 95.9 95.9 95.9 95.9 95.9 95.9 95.9															
05 2300 51.9 53.1 52.0 75.5 89.1 91.6 94.3 95.6 95.8 95.9 95.9 96.0 05 1300 52.0 58.2 78.7 89.4 91.8 95.1 96.0 96.0 96.1 96.1 96.1 96.1 96 05 1500 52.3 53.4 68.4 79.0 89.8 92.3 95.5 96.5 96.6 96.7 96.7 96.7 97.2 97.3 97.7 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8<	36	3000	21.1	2145	07.5	11.1	20.3	90.8	43.9	74.0	94.5	94.1	74.1	74.1	90.
5E 2300 51.9 52.1 52.0 75.5 89.1 91.6 94.3 95.8 95.9 95.9 95.9 96.1 96.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.3 97.7 97.9 97.3 97.7 97.3 97.7 <	GE	2500	51.5	55.0	67.5	73.1	33.7	₹1.2	94.3	95.1	95.1	95.2	95.2	95.2	95.
GE 1800 52.0 58.2 58.2 78.7 89.4 91.8 95.1 96.0 96.0 96.1 96.1 96.1 96.1 96.1 96.1 96.1 1500 52.3 53.4 68.4 79.0 89.8 92.3 95.5 96.5 96.6 96.7 96.7 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97	25	2111	51.9	53.1	52.0	78.5	89.1		94.3	25.8	25.8	95.9	95.9	95.9	95.
GC 1500 52.3 53.4 68.4 79.0 89.8 92.3 95.5 96.5 96.6 96.7 96.7 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97	GF	1300	52.0					_			96.0		96.1	96.1	95
GE 1200 52.3 58.4 68.4 79.0 90.2 92.7 95.9 97.0 97.1 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2	95	1500	52.3	F3.4	58.4					-				-	97
GE 800 52.4 58.6 68.9 79.7 91.5 94.0 97.3 98.5 98.9 99.0 99.0 99.0 99.0 99.0 99.0 GE 200 52.4 58.6 68.9 79.7 91.5 94.0 97.3 98.5 98.5 98.9 99.0 99.0 99.0 99.0 99.0 GE 100 52.4 58.6 68.9 79.7 91.5 94.0 97.3 98.5 98.9 99.0 99.0 99.0 99.0 99.0 99.0 99.0										-		-			
GE 800 52.4 58.6 68.9 79.7 91.5 94.0 97.3 98.5 98.9 99.0 99.0 99.0 99.0 99.0 99.0 GE 200 52.4 58.6 68.9 79.7 91.5 94.0 97.3 98.5 98.5 98.9 99.0 99.0 99.0 99.0 99.0 GE 100 52.4 58.6 68.9 79.7 91.5 94.0 97.3 98.5 98.9 99.0 99.0 99.0 99.0 99.0 99.0 99.0	3.F	1000	52.3	54.5	52.7	79.4	30.5	93.0	95.2	47.3	97.7	97. a	97.9	97.3	9.3
GE 800 52.4 F8.6 68.9 79.6 91.1 93.5 96.8 98.0 98.4 98.5 98.5 98.5 98.6 F7.00 57.4 58.6 58.9 79.6 91.2 93.7 96.9 98.1 98.5 98.6 98.6 98.6 98.6 98.6 50.0 52.4 58.6 58.9 79.6 91.3 93.8 97.0 98.2 98.6 98.7 98.7 98.7 99.0 GE 400 57.4 58.6 68.9 79.7 91.5 94.0 97.3 98.5 98.9 99.0 99.0 99.0 99.0 99.0 55.4 58.6 58.9 79.7 91.5 94.0 97.3 98.5 98.9 99.0 99.0 99.0 99.0 99.0 99.0 99.0															
GE 700 57.4 58.6 68.9 79.6 91.2 93.7 96.9 98.1 78.5 98.6 98.6 98.6 98.6 98.6 98.6 98.7 98.7 98.7 99.7 99.7 99.0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td>-</td><td></td><td></td><td></td></t<>											-	-			
GE 500 52.4 58.6 58.9 79.6 91.3 93.8 97.0 98.2 98.6 98.7 98.7 98.7 99 GE 500 52.4 58.6 68.9 79.7 91.5 94.0 97.3 98.5 98.9 99.0 99.0 99.0 99.0 99.0 99.0 99.0							_								
GE 50J 52.4 58.6 68.9 79.7 91.5 94.0 97.3 98.5 98.9 99.0 99.0 99.0 99.0 99.0 99.0 99.0				-			. •		-		-				_
3E 400 52.4 58.6 68.9 79.7 91.5 94.0 97.3 93.5 78.9 79.0 99.0 99.0 99.0 99.0 99.0 99.0 99	0=	300	J	20.5	33.7	17.5	91.3	72.0	91.0	70.2	70.0	70.1	75.1	70.1	77
95 300 52.4 59.5 58.9 79.7 91.5 94.0 97.3 98.5 98.9 99.0 99.0 99.0 99.0 99.0 99.0 99.0															
GE 200 52.4 55.5 68.9 79.7 91.5 94.0 97.3 98.5 98.9 99.0 99.0 99.0 99.0 99.0 99.0 99.0								94.0		93.5					
GE 100 52.4 58.6 68.9 79.7 91.5 94.0 97.3 98.5 98.9 99.0 99.0 99.0 99.	-	300	52.4	59.5	58.9	79.7	91.5	94.0	97.3	98.5	98.9	99.0	99.0	99.0	99
		200	52.4	56.5	69.9	79.7	91.5	94.0	97.3	98.5	98.9	99.0	99.0	99.0	99
GF 000 52.4 54.6 59.7 79.7 91.5 94.0 97.3 99.5 08.9 99.0 99.0 99.0	GE	100	52.4	58.6	68.9	79.7	91.5	94.0	97.3	98.5	98.9	99.0	99.0	99.0	99
	GF	000	52.4	54.6	59.3	79.7	91.5	94.0	97.3	99.5	23.9	99.0	99.0	99.0	99
	• •	• • • • • •		• • • • • • •		• • • • • •	• • • • • •	• • • • • • •		• • • • • • •				• • • • • • •	• • • •

TOTAL NUMBER OF UBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE DE CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

!TY

ON NAM		KENBACKE	ER ANGB	04		PERIOD MONTH:	OF RECO	ORO: MA		FEB 88		
	,	VISIBILI	TY FN 4	STATHEF	MELES	• • • • • • •	• • • • • • •					
G.L	GE	GE	GE	SE	65	GE.	GE	GE	GE	GE	GE	GE
4	3	2 1/2	2		1 1/4	1	3/4	5 / 8	1/2	3/8	1/4	90
"	,	2 1/2	۷.	1 1/2	1 1/4	ı	7/ 4	976	1/2	37.0	1/4	
	• • • • • •	• • • • • • •	• • • • • •			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	••••
54.2	51.1	61.9	63.7	63.9	63.9	63.9	63.9	63.9	64.2	64.2	64.4	64.8
54.0	56.5	67.3	69.0	59.2	69.2	67.2	69.2	69.2	69.6	69.6	69.8	70.2
9.1	55.5	57.4	59.1	69.4	59.4	59.4	69.4	59.4	69.7	69.7	69.9	70.3
59.1	65.6	67.4	59.1	59.4	69.4	69.4	69.4	69.4	69.7	69.7	69.9	70.3
40.5	56.9	67.7	59.5	69.7	69.7	69.7	69.7	69.7	70.0	70.0	70.2	70.6
0.1	57.5	68.4	70.1	70.3	70.3	70.3	70.3	70.3	70.6	70.5	70.9	71.3
							. •					
· • • P)	73.1	74.3	76.3	77.1	77.1	77.1	77.1	77.1	77.4	77.4	77.6	78.1
5.3	73.9	74.9	77.0	77.7	77.7	77.7	77.7	77.7	79.1	78.1	73.3	78.7
159 . 5	78.9	80.8	93.3	84.1	84.1	94.1	84.1	84.1	84.4	84.4	84.6	85.1
73.2	79.6	81.4	84.0	94.7	34.7	34.7	34.7	84.7	85.1	95.1	85.3	85.7
13.3	30.1	31.9	84.6	35.4	85.4	85.4	85.4	35.4	85.7	85.7	85.9	86.3
, ,	30.1	,,,,	0.00		0,7.		3247	550.		0,50,		30,7
71.4	31.0	8.28	85.6	36.3	85.3	85.3	56.3	86.3	86.7	86.7	86.9	87.3
12.3	31.3	93.8	85.5	47.3	27.3	97.3	87.3	97.3	87.5	87.6	87.8	88.3
74.7	84.8	97.1	89.9	99.6	90.5	90.6	90.5	90.6	91.0	91.0	91.2	91.6
75.1	96.3	38.6	91.5	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.8	93.2
17.7	35.3	90.8	93.9	94.6	94.5	94.7	94.7	94.7	95.1	95.1	95.3	95.7
			• •									
7 .1	33.7	91.2	94.3	95.1	95.1	95.2	95.2	95.2	95.5	95.5	95.7	96.1
7 - 3	87.1	91.6	94.3	वड्•म	95.8	95.9	95.7	95.9	96.2	95.2	96.5	96.9
73.7	37.4	91.3	95.1	96.0	96.0	96.1	96.1	96.1	96.5	96.5	96.7	97.1
79.0	89.8	92.3	95.5	96.5	96.5	96.7	96.7	96.7	97.0	97.0	97.2	97.6
72.0	90.2	92.7	95.9	97.0	97.1	97.2	97.2	97.2	97.5	97.5	97.7	98.2
7 4 , 4	90.5	93.0	90.2	97.3	97.7	97.3	97.8	97.3	93.2	98.2	98.4	98.8
	70.5	93.0	95.2	97.3	97.7	97.A	97.3	97.8	98.2	98.2	28.4	98.8
17.5	91.1	93.5	95.9	98.0	98.4	98.5	98.5	98.5	98.5	93.8	99.0	99.5
73.5	91.2	93.7	96.9	93.1	98.5	93.6	98.5	98.5	98.9	98.9	99.1	99.5
73.5	91.3	93.8	97.0	98.2	98.6	98.7	98.7	98.7	99.0	99.0	99•2	99.7
17.7	01 =	26.5	07 2	00.5	04.0	00.0	00.0	00.0	00 4	20 (00.4	100 0
	91.5	94.0	97.3	98.5	98.9	99.0	99.0	99.0	99.4	99.4	99.6	100.0
7	91.5	94.0	97.3	93.5	79,9 09.0	77.7	99.0	99.0	99.4	99.4	99.6	100.0
77.7	91.5	94.0	97.3	98.5	98.9	99.0	99.0	99.0	99.4	99.4	99.6	100.0
11.7	91.5	94.0	97.3	98.5	93.9	99.0	99.0	99.0	99.4	99.4	99•6	100.0
7 + 7	91.5	94.0	97.3	98.5	93.9	99.0	99•0	99.0	99.4	99.4	99.6	100.0
10.7	91.5	94.0	97.3	99.5	93.9	99.0	99.0	99.0	99.4	99.4	99•5	100.0

OPERATING LOCATION TAT USAFETAC, ASHFVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI FROM HOURLY OBSERVATIONS

STA	N POIT	IUMBEP:		LST	TO UTC	+ 5	KENBACKE				MONTH:		HOURS: 0
65.7		• • • • • •	• • • • • •	• • • • • •	• • • • • • •				· · · · · · · · · · · · · · · · · · ·		• • • • • • •	• • • • • •	• • • • • • • •
CEII	LING	95	gs	GE	G c	SE.		(3 T 16 S SE	STATUTE: Ge	GF.	65	c r	c=
E F :		7	, ·	0 L 5	4	3	GE 2 1/2	2	1 1/2	1 1/4	1	GE 3/4	GE 5 / ∂
			, .	,, 					L 1/2			3/4	3/3
•••	• • • • • •	••••	• • • • • • • •	• • • • • • •		• • • • • • •					• • • • • • •	• • • • • • •	• • • • • • • •
100	CEIL	23.7	31.0	37.6	43.0	51.4	53.0	57.7	58.8	59.0	60.2	60.3	60.5
SE	20000	30.2	32.7	39.6	45.4	54.5	56.3	51.3	62.4	62.5	53.7	54.1	54.3
SE	18000	30.2	32.7	39.6	45.4	54.5	56.3	51.3	52.4	52.5	53.9	64.1	54.3
GE	15000	30.2	32.7	39.6	45.4	54.6	56.3	61.3	62.4	52.5	53.9	64.1	64.3
GE	14000	30.5	33.1	40.0	45.8	55.2	56.9	61.8	52.9	63.1	64.4	64.6	64.8
GĒ.	12000	31.2	33.7	40.9	46.9	56.3	59.1	63.0	64.1	64.3	65.5	65.8	66.0
GE	10000	33.4	36.3	43.8	50.4	60.5	52.6	69.0	69.1	59.5	70.8	71.1	71.3
9=	9000	34.0	35.9	44.3	51.0	51.2	63.2	69.7	59.9	70.2	71.5	71.4	72.0
GE	4000	37.7	41.0	49.2	56.7	67.7	70.3	75.0	77.3	77.7	79.2	79.5	79.8
GE	7000	39.3	41.5	49.5	57.2	58.4	71.0	76.7	73.0	78.4	79.9	80.2	80.4
GE	6000	38.4	41.7	50.0	57.4	58.5	71.2	76.9	73.2	78.6	80.1	30.4	80.5
95	5000	40.1	43.4	F1.9	59.4	70.3	73.3	73.2	30.5	31.0	32.5	92.9	33.0
GF	4500	47.5	44.0	52.4	50.0	71.5	74.2	80.2	31.5	31.3	33.4	R3.9	34.0
75	4000	41.4	45.1	53.3	61.8	74.2	77.1	83.2	34.5	34.9	36.5	85.8	97.0
ĜE	3500	42.0	45.0	54.8	62.9	75.0	73.9	85.2	36.5	87.0	83.5	88.8	39.0
GE	3000	43.2	47.2	56.0	64.2	77.3	30.3	ಕ6.8	39 •2	83.6	90.1	90.4	90.6
3E	2500	43.3	47.7	35.3	65.2	73.4	31.6	83.1	97.5	39.9	91.4	91.7	91.9
7.5	2000	43.3	47.7	54.3	55.3	73.6	81.3	38.3	39.7	90.1	91.6	91.9	92.2
35	1900	43.9	47.7	56.3	55.3	73.7	91.9	89.4	89.8	90.2	91.7	92.0	92.3
GE	1500	44.1	43.1	57.1	55.7	79.1	32.4	89.4	90.5	91.2	92.7	93.0	93.2
SE	1200	44.3	48.3	57.3	65.9	79.6	82.8	90.0	91.4	91.8	93.3	93.7	93.9
0,-	1000	44.2	46.3	57.4	50.7	30.0	83.4	97.9	92.4	92.9	34.3	24.5	94.9
<u>٦</u> -	300	44.3	44.3	~7.4	46.3	30.0	33.4	91.0	92.6	93.0	94.5	94.8	35.1
SE	300	44.4	43.5	57.7	56.5	30.5	94.0	91.6	93.2	73.7	95.2	95.5	25.7
GE	733	44.4	43.5	57.7	66.5	30.6	34.1	91.9	93.7	94.1	95 • 6	95.9	96.1
GĒ	600	44.4	48.5	57.7	65.6	30.9	34.3	92.3	94.0	94.4	95.9	96.2	95.5
ĢF	500	44.4	48.5	57.7	56.5	37.9	94.5	72.7	94.7	25.2	96.7	97.0	97.2
35	400	44.4	/• · • ·	57.7	66.6	91.0	34.6	93.2	95.4	95.3	97.3	97.5	97.8
ďΕ	300	44.4	43.5	57.7	55.5	81.1	84.7	93.4	95.6	96.0	97.5	97.8	99.1
ĞΕ	200	44.4	45.5	57.7	55.5	91.2	84.8	93.5	15.7	96.1	97.5	93.0	98.2
GE	100	44.4	48.5	57.7	66.5	31.2	84 • 8	93.5	95.7	96.1	97.5	93.0	98.2
7,0	200	44.4	49.5	57.7	56.5	81.2	34.3	93.5	95.7	96.1	37.5	98.0	98.2
• • •	• • • • • •	• • • • • •	• • • • • • • •		· • • • • • •	· • • • • • •	· • • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •

TOTAL NUMBER OF DESERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ig =		ION NAI		KENBACKE	R ANGB	Вн		PERIOD MONTH:	DF REC	ORD: M HOURS:	AR 78 - 03-05	FEB AB		
رب:		• • • • • •	• • • • • • •	VISIBILI	TV TH		MILES	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
(1		g =	SF	GE	SE	GE	GE	G =	GE	GΞ	GF	GĒ	GE	GE
:	5	4	3	2 1/2	2	1 1/2		1	3/4	5 / 8	1/2	3/8	1/4	0
2 3	1					• • • • • • •						• • • • • • • •		
• • •	{ ```													
.8 =	٥ -	43.0	51.4	53.0	57 .7	58.3	59.0	60.2	60.3	60.5	60.8	60.8	61.1	61.5
_	5	45.4	54.5	56.3	61.3	52.4	52.5	53.7	54.1	54.3	54.5	54.5	54.3	65.3
• 5		45.4	54.5	56.3	51.3	52.4	52.5	63.9	64.1	54.3	64.5	64.5	64.8	65.3
• " • "	<i>i</i> ,	45.4	54.5	56.3	51.3	52.4	52.5	53.9	64.1	64.3	64.5	64.5	64.8	65.3
	.	45.₫	55.2	56.9	61.8	52.9	63.1	64.4	64.6	64.8	65.1	65.1	65.4	65.8
.1	}	45.9	56.3	59.1	63.0	64.1	64.3	65.6	65.8	66.0	66.2	66.2	66.6	67.0
_	1	50.4	50.5	52.6	69.0	69.1	59.5	70.8	71.1	71.3	71.5	71.5	71.8	72.3
• 5		51.3	51.2	53.2	69.7	59.9	70.2	71.5	71.3	72.0	72.3	72.3	72.6	73.0
• 3	,	56.7	67.7	70.3	75.0	77.3	77.7	79.2	79.5	79.8	80.0	90.0	30.3	90.5
• ?	1	57.2	58.4	71.0	76.7	78.0	78.4	79.9	80.2	80.4	80.6	80.6	81.0	81.4
• 4	ł	57.4	58.5	71.2	76.9	73.2	78.6	80.1	30.4	80.5	30.9	30.9	31.2	81.6
	1	50.4	70.3	73.3	73.2	30.5	31.0	32.5	92.8	83.0	93.2	33.2	83.5	84.9
• 2	1.	53.3	71.5	74.2	RO.2	31.5	31.7	33.4	83.8	84.0	94.2	34.2	84.5	34.9
• 2	1	51.8	74.2	77.1	93.2	34.5	84.9	36.5	86.8	97.0	87.2	97.2	87.5	88.0
. 2	1	62.9	75.0	73.9	85.2	36.6	87.0	83.5	88.8	39.0	89.2	39.2	89.5	90.0
• 2 • 9	•	04.2	77.3	30.3	85.8	33.2	88.6	90.1	90.4	90.6	90.9	90.9	91.2	91.6
. ?	1	65 ,2	78.4	31.6	93.1	99.5	39.9	91.4	71.7	91.9	92.2	92.2	92.5	92.9
. 4		55.3	73.5	31.3	33.3	39.7	90.1	91.6	91.9	92.2	92.4	92.4	92.7	93.1
e	1	55.3	73.7	91.9	99.4	39.8	90.2	91.7	92.0	92.3	92.5	92.5	92.8	93.2
. 4	ł	55.7	79.1	32.4	89.4	90.8	91.2	92.7	93.0	93.2	93.4	93.4	93.8	94.2
• 1	•	65.9	79.5	82.8	90.0	91.4	91.8	93.3	93.7	93.9	94.1	94.1	94.4	94.8
•	1	95.0	30.0	23.4	97.9	92.4	92.9	74.3	94.5	94.9	95.2	75.2	95.5	95.9
•?	ŀ	45.3	30.0	33.4	31.0	92.5	93.0	94.5	94.8	95.1	95.4	95.4	95.7	96.1
.4	ľ	56.5	90.5	84.0	91.5	93.2	93.7	95.2	95.5	95.7	96.0	95.0	96.3	96.8
.5	1	56.5	30.6	34.1	91.9	93.7	94.1	95.6	95.9	96.1	96.5	96.5	96.8	97.2
.8		65.5	30.9	34.3	92.3	₹4.0	94.4	95.9	96.2	95.5	96.8	96.8	97.1	97.5
_	ŀ	26.5	30.9	04.5	22.7	74.7	25.2	25.7	97.0	97.2	97.5	97.5	97.3	98.3
, 5	F	40.6	31.0	34.6	93.2	25.4	25.3	27.3	97.5	97.8	98.2	98.2	98.5	98.9
• 3	Ì	45.5	91.1	84.7	93.4	95.6	96.0	97.5	97.A	99.1	98.4	98.4	98.7	99.1
. 4	ŧ	55.5	91.2	84.8	93.5	95.7	96.1	97.5	98.0	98.2	99.8	98.9	99.1	99.6
. શે . શ	t	65.5	31.2	84.8	93.5	95.7	96.1	97.5	93.0	98.2	98.9	98.8	99.1	99.7
, i.	1	66.5	41.2	34.8	93.5	95.7	96.1	37.5	99.9	99.2	98.5	98.8	97.1	100.0
	1	• • • • • •	• • • • • •		• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • •

930

STATION N	IUMBER:	724285	-	TON NAT	+ 5	KEMBACKE				HINCH		HOURS:	
CEILING	• • • • • •	• • • • • • •	• • • • • •			VISIBILI				• • • • • • •	• • • • • • •	• • • • • • •	• • •
In	25	35	55	G=	3r	GE.	38	SE	SE	SE	GE	63	
FEET	7	4	5	4	3	2 1/2	2	1 1/2	1 1/4	t	3/4	5/8	1
• • • • • • • • •	• • • • •	• • • • • • • •	• • • • • •		• • • • • •		• • • • •	<i></i>		• • • • • •	• • • • • • •	• • • • • •	• • •
NO CEIL	21.2	23.5	27.5	32.3	37.2	39.4	45.5	49.6	50.1	51.9	52.5	52.6	5
ccons 30	22.4	25+2	29.7	34.7	40.1	42.4	50.0	54.5	55.2	57.4	58.3	53.4	5
55 13000	22.4	25.7	29.7	34.7	47.1	42.4	50.0	54.6	55 • 2	57.4	58, 2 50, 3	58.4	6
GE 16000	22.4	?5.2	29.7	34.7	47.1	42.4	57.0	54.5	55.2	57.4	58.3	58.4	5
SE 14000	22.5	25.4	29.3	34.9	40.3	42.6	50.2	54.9	55.5	57.7	53.7	59.8	5
GE 12000	23.1	25.9	30.5	35.7	41.2	43.4	51.1	55.8	56.3	58.5	59.6	59.7	5
GE 10000	23.6	20.3	31.9	37.5	44.0	47.2	55.3	50.4	61.2	63.5	64.5	54.5	4)
GE 9000	24.4	27.7	33.0	38.5	45.1	48.4	56.7	61.8	62.5	64.9	65.9	56.0	5
SE 8000	25.5	30.2	35.8	42.5	49.5	53.3	51.9	57.7	58·5	71.3	72.5	72.7	7
35 7000	25.9	20.4	36.2	42.9	50.0	54.1	52.7	63.6	69.5	72.2	73.3	73.5	7
GE 5000	25.1	30.0	35.5	43.3	50.5	54.7	63.3	69.2	70.1	72.9	74.1	74.3	7
GE 5000	27.0	30.3	37.3	44.9	51.9	55.2	54.3	71.0	71.c	74.7	75.9	76.2	7
SE 4500	27.5	31.6	39.2	45.5	53.1	57.5	66.2	72.4	73.2	75.1	77.3	77.5	7
GF 4700	29.1	32.5	39.4	46.9	54.5	59.4	58.8	74.9	75.8	78.7	79.9	40.2	íų.
GE 3500	20.4	33.0	40.7	47.5	55.5	50.3	69.3	76.1	77.0	90.0	81.2	31.5	Q
GE 3000	29.0	33.9	41.0	45.7	57.0	61.9	71.6	73.0	7 8 • 8	61.9	83.1	33.4	3
5E 2500	29.5	34.5	41.6	49.4	57.5	52.7	72.5	73.3	79.9	33.2	84.4	54.7	3
35 2000	20.0	34.7	42.3	50.0	59.5	53.9	73.7	30.3	91.4	24.9	86.1	35.5	4
SC 1800	20.4	34.9	42.3	50.0	59.5	63.9	73.7	en.3	41.4	44.4	96.1	45.5	Ç,
45 1500	37.1	35.7	43.0	50.3	59.2	54.7	74.7	31.6	32.3	36.5	97.2	88.2	N
GE 1200	30.4	35.1	43.5	51.3	59.8	55.3	75.6	32.7	84.0	57.7	39.0	39.4	9
65 1000	30.4	30.1	43.5	51.7	50.2	65.9	76.7	34.1	35.7	89.5	90.8	91.1	9
GF 400	30.4	35.1	43.7	51.3	50.3	56.1	75.9	94.4	35.0	119. G	21.1	91.4	q
SF 300	30.4	35.2	44.1	52.2	50.5	66.5	77.2	34.0	96.5	90.5	91.4	92.2	c
GE 700	37.4	36.3	44.2	52.4	60.9	56.7	77.5	95.4	37.0	91.0	92.4	92.7	3
GE 500	30.4	34.03	44.2	52.4	50.9	65.7	77.5	35.5	87.1	91.3	92.8	93.1	9.
3E 500	30.4	30.3	44.2	52.5	51.1	57.0	76.3	96.3	38 . 0	92.3	93 . B	94.1	9
75 401	30.4	35.3	44.	52.5	51.1	67.0	73.5	25.7	33.3	92.5	34. ?	94.5	3
GF 300	30.4	36.3	44.2	52.5	51.1	57.0	73.5	35.7	34.3	92.9	94.4	94.7	9
GE 200	30.4	36.3	44.2	52.5	01.1	57.0	78.5	86.7	83.3	92.3	94.5	94.9	9
6C 1 35	30.4	jti.3	44.2	52.5	51.1	67.0	74.5	86.7	39.3	92.3	94.5	94.8	9
GF 070	30.4	3573	44.2	52.5	41.1	57.0	73.5	36.7	34.3	92.3	94,5	94.4	9

FUTAL NUMBER OF DASERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUSEY OBSERVATIONS

7% 9A		KENBACKE	R 4458	94		PERIOD HIMEM		ORD: M. HOURS:		FEB 88		
						• • • • • •	•••••	*****	•••••	• • • • • • •	• • • • • •	• • • • • •
1,9	36	VISIBILI GE	97 IN 97	STATUTE: SE	MILES	35	GE	G F	SE	SE	SE	GE
	3.0	2 1/2	2		1 1/4	35. 1	3/4	578	1/2	3/3	1/4	9: 0
1				• • • • • • •			3/4					
}												
32.3	37.2	39.4	45.6	49.6	50.1	51 • 3	52.5	52.6	53.1	53.5	53.9	54.1
7	40.1	42.4	50.0	54.5	55.2	57.4	58.3	58.4	59.0	59.5	59.3	50.2
.,7	4).1	42.4	50.)	54.6	55.2	57.4	5 B • 3	54.4	57.0	53.5	59.4	50.2
.4.7	47.1	42.4	50.0	54.5	55.2	57.4	58.3	58.4	59.0	59.5	59.3	60.2
4.	47.3	42.5	50.2	54 a	55.5	57.7	53.7	58.8	59.5	59.9	60.2	60.6
an. 7	+1.2	43.4	51.1	55 . 3	55.3	5₫•6	59.6	59.7	50.3	60 . 8	61.1	51.5
17.5	44.0	47.2	55.3	50.4	51.2	53.5	64.5	54.5	55.3	55.7	55.0	66.5
1. 1.	45.1	4-5.4	55.7	51.5	62.5	54.9	65.9	56.0	55.7	67.1	57.4	67.3
4	4).5	53.3	51.1	57.7	54.5	71.3	72.5	72.7	73.3	73.8	74.1	74.5
·2.3	50.0	54.1	52.7	64.B	59.5	72.2	73.3	73.5	74.2	74.5	74.9	75.4
	54.5	54.7	63,3	59.2	70.1	72.9	74.1	74.3	74.9	75.4	75.7	76.1
	51.7	55.2	54.5	71.0	71.5	74.7	75.9	75.2	75.9	77.3	77.5	76.1
•	53.1	57.5	4,4,	73.4	73.2	75.1	77.3	77.5	73.3	74.7	79.3	79.5
• • •	54.5	54.4	9.2	34.0	75 · A	78.7	79.≎	30.2	41.7	31.4	31.7	92.2
. , ,	53.5	50.3	59.3	75 .1	77.0	6J.J	81.2	41.5	°2.3	92.7	83.0	83.4
7	57.0	11.9	71.5	73.0	75.8	51.9	83.1	33.4	34.2	84.6	34.9	35.4
. 1.4	57.5	52.7	72.6	73. +	79.9	33.2	84.4	54.7	45.5	85.9	80.2	86.7
•	नुब्•ु	23.3	71.7	30.3	31.4	94.9	86.1	36.5	97.2	37.7	ტ3•1	88.5
• • •	94.5	53.9	73.7	³ 7.3	41.4	-4. A	96.1	86.5	97.2	97.7	50.1	88.5
`•	23.3	54.7	74.7	1.6	32.3	35.5	શ 7. સ	83.2	89.0	23.5	89 . 0	90.3
11.5	59.3	55.3	75.5	32.7	44.0	8 7.7	39.0	39.4	90.2	30.8	91.1	91.5
1.7	50.2	45.9	70.7	54 • I	35.7	69 . 5	90.0	91.1	92.0	92.5	92.9	93.3
•	53.3	56 • 1	75.1	4 . 4	35.0	79.5	21.1	91.4	92.4	02.9	93.2	93.7
•	53.5	56.5	77.2	34.9	46.5	47.5	91.4	92.2	93.1	93.7	94.0	94.4
• •	5).7	56.7	77.5	25.4	37•^	31.7	92.4	92.7	93.7	94.2	94.5	94.9
• •)	25.7	77.5	15.5	87.1	91.3	92.3	33.1	94.1	94.6	94.9	95.5
• 1	51.1	47.9	77.5	74.3	44.5	94.3	93.3	94.1	95.2	95.7	95.0	96.5
	>1 - 1	57.)	7 1. 7	15.7	33.3	12.5	34.3	94.5	35.5	95.1	35.5	97.0
•	51.1	57.0	77.5	75.7	વેન ફુ	92.3	94.4	94.7	95.0	96.5	97.2	93.0
•	21.1	67.5	74.5	35.7	33.3	42.3	94.5	94.9	95.6	97.2	93.1	98.3
. • ·	51.1	57.0	73.5	45.7	ق • ^د د	92.⊣	94.5	94.5	95.6	97.2	98•2	99.2
•	51.1	57.0	73.5	25.7	50.4	35.0	34 6 2	94.9	95.6	97.2	95.8	100.0

OPERATING LOCATION "A" USAFFTAG, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE DE CEILING VERSUS VIS FROM HOUPLY OBSERVATIONS

CEILING VISIBILITY IN STATUTE MILES IN CE 35 CE QE 35 GE DE DE DE OF GF GF FEET 7 6 5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 NO CEIL 29.5 35.9 41.7 45.9 49.5 51.7 52.9 53.1 53.1 53.1 53.3	G* 5/3 53.3
19 06 36 06 06 36 06 07 06 06 56 56 7 06 07 07 07 07 07 07 07 07 07 07 07 07 07	5Ž3
FEET 7 6 5 4 3 21/2 2 11/2 11/4 1 3/4	5Ž3
	• • • • • • • • • •
	53.3
NA CEIL 29.5 35.9 41.7 45.9 49.5 51.7 52.9 53.1 53.1 53.3	53.3
GE 20000 30.4 30.0 45.4 50.4 55.2 57.4 53.7 58.9 58.0 58.0 57.1	57.1
55 18000 32.4 30.0 45.4 50.4 55.2 57.4 53.7 50.9 56.9 55.9 59.1	59.1
- 5° 1500) 32.4 39.0 45.4 50.4 55.2 57.4 58.7 58.9 58.9 53.9 59.1	59.1
- GE 14000 32.6 39.2 45.9 51.0 55.3 59.2 59.6 59.8 59.8 59.8 50.0	50.0
68 12000 33.0 39.8 46.0 51.7 56.9 59.2 50.6 51.0 61.0 61.0	51.2
Sh 10000 33.7 40.9 48.1 53.9 50.1 62.7 54.3 64.6 54.6 54.6 54.6	54.8
-69° $\frac{1}{2}00000 \frac{1}{3}4 + 41^{\circ}$ $\frac{1}{4}9 + \frac{1}{3}9 + \frac{1}{4}9 +$	56.0
56 3000 36.5 44.0 52.3 59.0 66.3 69.0 71.0 71.3 71.3 71.3 71.5	71.5
66 7000 37.0 46.7 63.5 59.3 67.1 67.3 71.7 72.0 72.0 72.0 72.3	72.3
55 5000 37.2 45.7 53.5 60.1 67.4 70.2 72.3 72.7 72.5 72.3 73.0	73.0
37 5000 37.5 47.1 56.2 51.5 50.0 71.3 74.0 74.4 74.6 74.6 74.7	74.7
-00 4800 30.7 43.1 56.6 52.9 70.3 73.2 75.4 75.6 75.9 75.9 76.1	76.1
-35 4000 40.4 50.2 89.0 55.1 74.2 77.2 79.4 70.9 30.0 80.0 80.2	30.2
30 350) 40.7 50.7 59.8 67.3 75.5 78.5 50.6 81.3 61.4 81.5 81.7	51.7
96 3000 42.0 53.3 61.5 69.5 75.2 31.4 83.7 34.4 84.6 84.A 85.1	85 .1
50 2513 42.1 53.5 52.+ 70.5 73.5 82.7 84.9 25.7 35.9 25.1 95.1	35.3
-98 2000 40.0	an.s
- ST - 1000 - 44.0 - 54.4 - 54.3 - 72.3 - 31.6 - 85.1 - 87.4 - 80.2 - 84.4 - 63.6 - 83.9 -	33.0
965 1500 94.0 50.4 55.7 79.3 33.7 87.1 39.6 90.4 90.5 90.9 91.1	71.1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	34.5
37 1000 44.0 57.6 58.3 77.4 37.7 01.6 94.6 95.6 76.8 95.0 06.3	94.3
- 90 - 900 - 44.2 - 57.6 - 53.6 - 77.5 - 33.0 - 91.7 - 94.3 - 75.9 - 75.0 - 96.3 - 96.7 -	35.7
- GE - GDD - 45.2 - 67.6 - 68.5 - 77.4 - 88.4 - 92.3 - 95.5 - 76.5 - 76.7 - 97.0 - 97.3	97.3
-96 700 45.5 57.6 64.6 74.3 39.0 93.0 96.3 97.3 97.5 97.4 98.2	38.2
GE 500 45.3 5.0 65.1 75.5 89.0 93.0 95.5 97.4 97.5 95.1 98.4	98.4
GU 500 46.3 50.0 50.8 75.4 39.2 33.2 37.2 38.2 38.4 98.8 69.1	97.1
- 95 - 400 - 45.3 - 5.40 - 54.8 - 54.2 - 43.2 - 47.2 - 48.5 - 48.5 - 48.4 - 49.4 -	99.4
SE 300 45.3 53.0 58.3 78.4 33.2 93.2 97.4 98.4 78.7 99.1 99.7	99.7 1
\$E 200 46.3 57.0 58.5 77.4 39.2 05.2 97.4 98.4 98.7 99.1 99.7	33.7 1
96 100 45.3 53.5 65.5 76.4 59.2 93.2 97.4 96.4 96.7 99.1 99.7	99.7 1
35 300 47.3 57.3 68.3 75.4 33.2 93.2 97.4 78.4 98.7 99.1 79.7	99.7 1

TOTAL DUMBER OF DISERVATIONS 930

Y' TIME: RICKENBACKER ANGB OH

PERIOD OF RECORD: MAR 78 - FEB 88

ο στο:		N = (4.) A = (1.		31.1		MONTH:		HOURS:	09-11	, 25 00		
					• • • • • •	• • • • • •				• • • • • • •	• • • • • • •	• • • • •
1		AISIBIFI	_	-						^=	45	
•	75	GF	0.5	96	65		• .	GE	GF 142	G F.	GE 144	GE
4	3	2 1/2	2	-	1 1/4	1	3/4	5/8	1/2	3/A	1/4	0
• • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • •
49.9	49.5	51.7	52.9	53.1	53.1	53.1	53.3	53.3	53.4	53.4	53.4	53.4
	.,.,	/1.	/ /	,,,,,	,,,,,	2.76.2	,,,,	,,,,	J J • •	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,	,,,,,,
	55.2	57.4	53.7	58.9	58.9	53.0	59.1	59.1	59.2	59.2	59.2	59.2
. •	55.2	57.4	53.7	53.9	55.9	55.9	59.1	59.1	59.2	59.2	59.2	59.2
1.4	55.2	57.4	53.7	58.9	58.9	53.7	59.1	59.1	53.2	59.2	59.2	59.2
)	55.3	54.2	59.6	59.8	59.8	59.8	60.0	60.0	60.1	60.1	60.1	60.1
1.7	56.9	59.2	60.5	61.0	61.0	61.0	61.2	51.2	61.3	51.3	61.3	61.3
, ,		/ h = 7		11 -		4, 4	4, 0	61 0		54.9	(()	54.9
2.3	50.1 51.2	62.7 63.3	54.3 55.5	64.5 65.3	54.5 55.8	54.6 65.8	54.9 66.0	54.8 56.0	64.9 66.1	55.1	64.9 65.I	66.1
•)	55.3	59.0	71.9	71.3	71.3	71.3	71.5	71.5	71.5	71.6	71.6	71.5
	57.1	67.3	71.7	72.0	72.0	72.0	72.3	72.3	72.4	72.4	72.4	72.4
1	57.4	70.2	72.3	12.7	72.8	72.3	73.0	73.0	73.1	73.1	73.1	73.1
• •	7144	1012	16.	1241	12.0	12.00	1,7.0	1340	13.4		1,501	.,,,,
5	53.0	71.3	74.7	74.4	74.5	74.5	74.7	74.7	74.9	74.8	74.3	74.3
1.	70.3	73.2	75.4	75.2	75.9	75.9	76.1	76.1	76.2	76.2	76.2	76.2
: o i	74.2	77.2	77.4	79.9	90.0	90.0	80.2	80.2	80.4	90.4	33.4	80.4
7.3	75.5	73.5	30 . 6	81.3	81.4	31.5	31.7	81.7	H1.9	81.9	31.9	81.9
7.5	75.2	31.4	83.7	34.4	84.6	84.3	85.1	95.1	85.4	35.4	85.4	35.4
	73.5	a2.7	44.9	45.7	35.9	25.1	95.3	35.3	86.7	96.7	86.7	86.7
• >	31.4	24.3	27.2	83.0	2 - 2	33.4	23.5	99.6	88.9	33.9	89 . 9	88.9
•	31.5	95.1	37.4	39.2	वेष. 4	93.6	89.8	33.8	89 I	я́).1	89.1	89.1
7,	33.7	37.1	39.6	90.4	90.5	99.9	91.1	91.1	91.4	91.4	91.4	91.4
	45.5	99.2	92.9	93.3	94.0	94.2	94.5	94.5	94.8	94.B	94.8	94.8
}												
•	17.7	91.5	94.5	95,6	25.2	35.0 25.0	95.3	96.3	95.7	95.7	96.7	96.7
•	33.0	41.7	94.3	25.0	95.3	35.3	96.7	96.7	97.9	97.0	97.0	97.0
	99.4	92.3	95.5	25.5	26.7	97.0	97.3	97.3	97.6	97.5	97.5	97.5
• • •	33.0	93.0	95.3	97.3	97.5	97.8	93.2	98.2	98.5	98.5	98.5	98.5
• • •	89.0	93.0	90.5	97.4	97.6	93.1	98.4	98.4	98.7	98.7	98.7	98.7
. , .,	39.2	23.2	27.2	29.2	28.4	ធន្ធន	09.1	99.1	99.5	99.5	99.5	99.5
	91,7	43.2	97.2	94.2	24.5	9a,9	99.4	99.4	99.7	97.7	99.7	99.7
7 .4	99.2	93.2	97.4	99.4	98.7	99.1	99.7	99.7	100.0	100.0	100.0	100.0
,	33.2	73.2	97.4	98.4	98.7	99.1	94.7	99.7	100.0	100.0	100.0	100.0
	39.2	93.2	97.4	93.4	98.7	99.1	99.7	99.7	100.0	100.0	100.0	100.0
	37.2	93.2	97.4	99.4	98.7	99.1	79.7	97.7	100.0	100.0	100.0	100.0
							. • ,					

OPERATING LOCATION #A# USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIS FROM HOURLY BUSFRYATIONS

STATION	IJM۹Ę₽:	724285	LST	TO UTC	+ 5	KENBACKE	R ANGB	34		MONTH:	AJG	HOURS	12-1
CEILING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		VISIBILI	TV TN	STATUTE	MTITC	• • • • • • •	• • • • • •	• • • • • • •	• • • •
14	9.5	; .	35	GΞ	GE	6E	61	31A1311	G.E	SE	GF	SF	S
FEFT	7	5	5	4	3	2 1/2	2		1 1/4	1	3/4	5/3	17
		, 	, , , , , , , , , , , , , , , , , , ,		_	. 1/2					• • • • • • •		
											•••••		
NO CEIL	35.1	40.4	44.0	46.2	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47
GE 20000	40.3	45.3	50.1	53.2	54.4	54.8	54.8	54.5	54.3	54.3	54.8	54.8	54
35 18300	40.3	45.5	50.3	53.4	54.6	55.0	55.0	55.0	55.0	55.0	55.0		6.5
GF 1500)	49.3	46.5	50.3	53.4	54.5	55.0	55.0	55.0	55.0	F5.0	55.0	55.0	55
35 14000	40.4	45.6	50.5	53.7	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	E 5
GE 12000	41.3	47.6	52.0	55.3	56.7	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57
SE 10000	43.7	1.0c	55.3	57.0	50.5	51.C	61.0	51.0	61.0	61.0	61.0	61.0	51
3F 3303	44.2	50.5	5.55 . 2	59.3	51.5	52.0	52.0	52.0	52.0	52.0	62.0	62.0	52
SE 8000	46.1	53.0	54.4	52.5	54.7	55.1	65.1	55.1	55.1	65.1	65.1	65.1	45
35 7000	44.5	53.5	59.3	63.2	65.2	55.7	55 .7	65.7	55.7	55.7	65.7	55.7	45
GE 6000	40.B	n3.9	59.7	63.6	55 . 3	66.2	55.2	25.2	55.2	66.2	55.2	66.2	65
GE 5000	47.3	53.0	61.3	54.9	57.1	67.5	57.5	67.5	67.5	37.5	67.5	57.5	5.7
35 4533	47.0	55.4	52.7	65.0	53.1	59.7	53.3	49.J	53.0	5 ∃・*	53.2	• .	4
SE 4000	PU - 3	53.9	65.1	7 0.3	74.0	74.5	74.3	74.9	74.8	74.4	74.0		74
3600	2.5 € 3	61.1	49.7	74.2	77.3	78.5	79.0	79.0	79.7	79.0	79.0	-	7-
SE 3000	5 7. 3	5	77.5	53.1	37.4	53 . 5	49.1	39.1	37.1	89.1	89.1	39.1	в:
uE 2500	51.6	71.0	···/> . 7	35.7	91.3	92.5	23.1	93.1	93.1	93.2	93.2	93.2	93
35 2000	40.2	7.2 • 1	21.2	20.2	23.2	94.3	94.4	74.	94.4	34.9	74.9		9 -
GC 1300	60.0	72.3	22.5	40 C 3	93.6	94.9	95.5	95.5	95.5	95.6	95.5	95.5	ð e
35 1500	52.3	74.1	34.1	20.3	95.2	96.4	97.1	97.1	27.2	97.3	97.3	97.3	97
GE 1200	52.5	74.0	34.5	91.1	35.0	97.3	93.0	98.1	93.2	95.4	98.5	98.5) -
GE 1000	52.7	74.3	35 . 1	71.4	96.5	⇒ 7.	93.7	94.9	29.0	94.2	99.4	53.4	٠,
3E 933	42.3	74.0	³⁸ • 3	91.5	75.7	98.3	99.3	99.1	33.2	03.5	99.6	99.5	3
SF 300	52.3	74.9	25.3	91.5	95.7	98.0	98.3	97.1	79.2	99.5	99.5	99.6	J.
SF 700	62.9	74.9	95.3	91.5	95.7	98.1	93.9	99.2	90.4	99.6	99.7	93.7	G (
GE 600	52.9	74.4	35.3	91.5	25.7	99.2	99.0	99.4	99.5	99.7	99.3	99.8	9.
GE 500	62.9	74.9	75.3	91.5	75.7	95.2	99.9	99.4	99.5	94.7	99.4		ą
35 437	60.1	74.7	13.3	71.3	95.7	38.2	00°D	91.4	99.5	3 4 6	वव • व		100
65 300	65 · 3	74.9	नुनु•ुद	91.5	95.7	99.2	30.0	99.4	99.5	ପର୍ବ	90.9	99.4	100
GE 500	52.7	14.9	35.3	91.5	95.7	99.2	49.0	99.4	93.5	99.3	99.3	99.9	101
SE 100	62.9	74.3	35.3	91.5	95.7	93.2	99.0	99.4	97.5	99.3	99.9	99.9	100
ne 100	60.1	74.0	16, 3	71.7	23.7	94.2	91.9	27.4	39.5	၇၁. ၁	99.9	93.9	101
• • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •		• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • • • •	

TOTAL NUMBER OF DRSERVATIONS 929

.

	4=; 4IC ; + 5	KENBACKE	P ANGS	Эн		PERIOO MONTH:	OF RECO	DRD: M HDURS:		FE3 88		
• • • •	• • • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •
	GΞ	GE	GE	3171012	GF	SF	r, E	GE	GE	GE	SE	SE
	3	2 1/2	2		1 1/4	î	3/4	5/3	1/2	3/R	1/4	้า
• • • •		• • • • • • •	• • • • • •	• • • • • • •			• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • •
• • •	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
	54.4	54.8	54.8	54.3	54.3	54.3	54.8	54.8	54.8	54.3	54.8	54.8
. 4	54.5	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
. /•	54.5	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
. 7	55.1	55,5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
• 1	55.7	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
	50.5	51.C	51.0	51.J	61.0	61.3	61.0	61.0	61.0	51.0	61.0	61.0
•	51.5	52.)	52.0	52.0	52.0	52.0	62.0	52.0	52.0	52.9	62.0	62.0
. 5	54.7	55.1	45.1	55.1	65.1	65.1	65.1	65.1	55.1	55.1	65.1	65.1
	55.2	55.7	55.7	65.7	55.7	45.7	65.7	55.7	65.7	65.7	65.7	65.7
•	⇒5 . 3	65.2	66.2	55.2	55.2	66.2	55.2	66.2	66.2	66.2	56.2	66.2
	,7.1	57.5	57.5	47.5	57.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
	53.1	54.7	63.5	58.8	53.2	53.4	53.2	43.8	69.8	68.5	68.8	68.3
	74.0	74.5	74.3	74.8	74.3	74.2	74.8	74.8	74.8	74.8	74.8	74.8
	77.3	73.6	79.0	79.0	79.3	79.0	79.0	79.0	79.1	79.1	79.1	79.1
.:	37.4	53.6	39.1	39.1	39.1	89.1	89.1	39.1	ø ∂ •2	39.2	89.2	89.2
. ,	71.3	72.5	73.1	73.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3
	93.9	94.3	94.4	24.3	74.3	74.9	74.4	94.9	95.0	95.0	95.0	95.0
. :	93.5	94.9	95.5	95.5	95.5	25.6	95.5	95.6	95.7	95.7	95.7	95.7
	95.2	96.4	97.1	97.1	77.2	77.3	97.3	97.3	97.4	97.4	97.4	97.4
. 1	75.0	97.3	93.0	98.1	98.2	98.4	98.5	98.5	98.6	93.6	98.6	98.6
	₹5.5	₽7. ≈	93.7	93. 9	99.0	94.2	99.4	97.4	99.5	99.5	99.5	99.5
	75.7	99.0	99.4	72.1	33.2	07.5	49.6	99.5	99.7	99.7	99.7	99.7
	15.7	98.0	99.3	99.1	19.2	99.5	99.6	99.5	99.7	99.7	99.7	99.7
	75.7	98.1	94.9	99.2	39.4	99.6	99.7	99.7	99.9	99.8	99.8	99.3
• ^	95.7	99.2	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
	15.7	95.2	39.0	99.4	93.5	99.7	99.8	99.3	99.9	99.9	99.9	99.9
	15.7	38.2	99.3	65.4	99.5	29 B	99.9	99.0	100.0	100.0	100.0	100.0
	25.7	93.	20.0	99.4	áá , ś	വര്ച	99.9	99.9	100.0	100.0	100.0	100.0
	35.7	28.2	99.0	99.4	97.5	99.3	99.9	99.9	100.0	100.0	100.0	100.0
	92.7	98.2	99.3	29.4	99.5	99.3	99.9	99.9	100.0	100.0	100.0	100.0
	35.7	94.2	91.9	37.4	39.5	99.3	99.9	93.9	100.0	100.0	100.0	100.0
• • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS

STATION	MNWWES:	724285	LST	to utc	: + 5					MONTH:	AUG	CRD: 4	15
CEILING	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •				STATUTE		• • • • • • •	• • • • • •	• • • • • • •	• •
1.1	GE	ςę	ĠE	GE	SE	GE	95	31 #1 011 3E	95 95	GE	GE	GE	
E E E T	7	, <u>.</u>	5.	4	3	2 1/2	~ <u>;</u>		1 1/4		3/4	5/3	
						_							
NU CEIL	40.3	46.3	50.3	51 • ♂	52.5	52.3	52.8	52.3	52.8	52.3	52.3	52.8	
SE 20000	47.3	53 <u>.</u> 5	58.0	60.2	60.8	51.3	61.3	51.3	51.3	61.3	61.3	61.3	
SF 19000	-	- 3 a	58.2	40.2	51.0	61.5	51.5	51.5	51.5	51.5	61.5	51.5	
SE 16000		53.9	58.2	50.2	61.0	61.5	51.5	51.5	51.5	51.5	61.5	61.5	
GE 14000		53.9	58.3	60.4	51.2	61.7	61.7	61.7	51.7	61.7	61.7	61.7	
GE 12000	43.3	54.7	59.4	51.5	62.3	62.8	52.8	62.3	62.8	62.3	62.8	62.8	
sr jagan	40.4	97.0	52.0	54.9	65.7	56.3	66.3	55.3	55.3	55.3	65.3	56.3	
35 3000	•	7/•55 78.5	54.0	57.3	53.0	58.6	58.5	53.6	53.5	53.5 53.6	58.6	69.5	
GE 8000		61.7	69.0	71.7	72.5	73.1	73.1	73.1	73.1	73.1	73.1	73.1	
GE 7000		52.5	07•3 69•3	72.3	73.5	74.2	74.2	74.2	74.2	74.2	74.2	74.2	
GE 5000		62.5	69.4	73.4	74.2	74.8	74.8	74.5	74.5	74.3	74.8	74.3	
35 9000	J J • J	96.€9	0.184	13.7	1702	1710		, , ,	17.0	140)		, , ,	
GE 5000	54.3	53.7	73.5	75.1	75.7	76.5	75.5	75.5	76.5	75.5	76.5	75.5	
GE 4500	54.7	54.4	71.5	76.1	77.0	77.6	77.6	77.5	77.6	77.5	77.5	77.5	
GS 4100	59.5	59.0	75.5	₹0.3	91.9	32.7	82.9	85.8	92.9	22.9	92.9	32.9	
GE 3500	51.5	70.9	79.3	34.3	35.5	86.3	ಕ6∙8	35.9	86.9	35.7	85.9	86.9	
GE 3000	65.6	70.2	85.1	91.1	92.6	93.7	94.2	94.5	94.5	94.5	94.5	94.6	
45 3500	57.3	77.4	35.5	92.3	24.3	95.4	વક્રવ	34.3	36.3	75.5	96.5	95.5	
35 2000	•	7	7.1	73.5	75.3	76.3	95.9	97.3	₹7.3	97.4	97.4	97.4	
GF 1800	-	73.2	∂7.1	93.5	95.3	95.3	95.9	97.3	97.3	97.4	97.4	97.4	
GE 1500		72.5	37.5	94.1	95.1	37.2	27.7	98.4	25.4	93.7	93.7	98.7	
JE 1200		79.1	B∂.1	94.5	95.7	97.7	93.3	90.9	93.9	99.2	99.2	99.2	
						00.0	00.	03.5	22.5	39.5	30.0	20.0	
95 1000		77.5	12.5	95.2	27.2	99.3	98.3	97.5	99.5	•	ସ୍ପ୍ର	34.3	
SF 900	-	77.5	30.5	95.2	27.2	98.3	04.3	99.5	99.5	33.5	99.9	99.5 99.9	
SE 800		79.7	35	95.3	97.3	98.4	93.9	99.5	99.5	99.9			
6E 700		79.7	88.6	95.3	97.3	98.4	98.9	99.5	99.6 99.6	99.9	99.9 99.9	99.9 99.9	
GE 600	53.6	79.7	ರಚ•೨	95.3	97.3	98.4	98.9	99.6	77.0	99.9	99.9	97.9	
gr - 500	1,4,4	79.7	34.5	24.3	97.4	93.5	99.)	99.7	99.7	100.0	100.0	100.0	1
SE 400	59.5	77.7	aa.5	45.3	77.4	98.5	99.0	39.7	97.7	100.0	100.0	100.0	1
SE 300	59.5	7.7.7	99.5	95.3	97.4	98.5	99.0	99 .7	99.7	100.0	100.0	100.0	1
GE 200	59.5	79.7	30.5	95.3	37.4	98.5	99.0	99.7	99.7	100.3	100.0	100.0	1
GE 100	58.6	79.7	32.5	95.3	97.4	93.5	99.0	99.7	97.7	100.0	100.0	100.0	1
ar oon	50,4	79.7	43.5	75.3	97.4	98.5	99.9	29.7	00.7	100.0	100.0	100.0	ı
95 (101)	7	19,1		77.3	71.4	75.2	7 7 6 3	77.1	7741	1 17 1	100.0	LUCAT	
	• • • • • • •			• • • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • • •				• •

TOTAL NUMBER OF UBSERVATIONS 930

TO UTC:		CKENBACKE	R ANGB] 4		PERIOD MONTH:	_	CRD: M	AR 78 - 15-17	FE3 88		
• • • • • • •	• • • • • •	VISIBILI		STATUTE	MILES	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
3F	SE	6Ε	GE	51 T T T T	GE	GE	GE	GE	GE	GE	GE	GE
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/9	1/2	3/9	1/4	0
	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
51.5	52.5	52.3	52.8	52.3	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
40.)	5).a	51.3	61.3	51.3	51.3	61.3	61.3	61.3	51.3	61.3	61.3	61.3
50.2	51.0	61.5	61.5	51.5	61.5	51.5	61.5	51.5	61.5	61.5	61.5	61.5
50.2	61.0	61.5	51.5	51.5	51.5	51.5	61.5	61.5	61.5	61.5	61.5	61.5
50.4	51.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
51.5	62.3	62.8	62.8	62.3	62.8	62.3	62.8	62.8	62.8	62.8	62.9	62.8
54.1	65.7	56.3	55.3	55.3	56.3	56.3	65.3	66.3	66.3	66.3	66.3	66.3
.7.2	53.0	59.6	63.6	53.6	64.6	63.6	58.5	68.6	68.6	65.6	68.6	68.6
71.7	72.5	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
72.3	73.5	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
73.4	74.2	74.3	74.8	74.8	74.5	74.3	74.8	74.8	74.8	74.9	74.8	74.8
75.1	75.3	76.5	75.5	75.5	76.5	75.5	76.5	76.5	76.5	76.5	76.5	76.5
75.1	77.3	77.5	77.5	77.5	77.6	77.5	77.5	77.6	77.5	77.5	77.5	77.6
90.9	31.9	32.7	82.9	82.9	92.9	22.9	82.9	82.9	82.9	92.9	32.9	82.9
74.5	35.5	86.3	86.8	36.9	86.9	35.7	85.9	86.9	85.9	86.9	86.9	86.9
91.1	92.6	93.7	94.2	94.5	94.5	94.5	94.5	94.6	94.6	94.5	94.6	94.6
.>. i	34.3	95.4	વકુ, વ	25.3	76.3	35.5	96.5	96.5	96.5	76.5	96.5	96.5
3.5	75.3	96.3	95.9	77.3	97.3	97.4	97.4	97.4	07.4	97.4	97.4	97.4
33.5	75.3	96.3	95.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1	35.1	97.2	97.7	98.4	25.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
14.5	35.7	97.7	93.3	90.9	93.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
				, , ,			,,,,					
	27.2	98.3	34.3	97.5	79.5	79.8	30.5	99.3	99.3	99.3	99.8	99.3
0.2	77.2	વસ્.3	39.3	99.5	97.5	22.8	99.4	99.5	99.5	99.3	99.9	99.3
15.3	97.3	98.4	94.3	99.6	99.5	99.9	99.9	99.9	99.9	97.9	99.9	99.9
15.3	37.3	93.4	98.9	99.5	39.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10.3	97.3	93.4	93.9	99.6	97.6	99.3	99.9	99.9	99.9	99.9	99.9	99.9
100	97.4	93.5	20.2	77.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
65. 3	97.4	98.5	93.0	39.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
26.3	97.4	98.5	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.3	97.4	98.5	99.0	99.7	99.7	100.3	100.0	100.0	100.0	100.0	100.0	100.0
17.3	97.4	93.5	99.0	99.7	97.7	100.0	100.0	100.0	100.0	100.3	100.0	100.0
Pro 📲	97.4	38.5	99.9	77.7	90.7	170.0	100.0	100.0	100.0	100.0	100.0	100.0
· · · · · · · · · · · · · · · · · · ·	• • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •		• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •

OPERATING LOCATION MANUSAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS

STATION	ИЛМВЕК	1 724285		TIDN NA TO UTC		KENBACKE	R ANGS	ÐН		PERIOD:		CORD: HOURS:	MAR 13:
CEILING	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •		TV TAL	STATUTE	23 ITM	• • • • • • •	• • • • • •	• • • • • •	• • • •
IN	C.F.	g.e	3.5	<u>65</u>	GE	0E 512171	GE GE	SE	GE	G-5		G E	
FELT	7	, " h	5°	3 5 4	3	2 1/2	2		1 1/4	95 1	GE 3/4	5/3	
					, , , , , , , , , , , , , , , , , , ,	2 1/7	4	1 1/2	1 1/4		3/4	7/3	
******					• • • • • • •					• • • • • • •	••••	• • • • • • •	•••
NO CEIL	41.4	47.2	51.7	54.1	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	٠
GE 2000	0 43.5	55.4	51.1	54.4	55.0	56.6	65.7	56.7	55.7	66.7	55.7	66.7	
3F 1300	0 44.5	55.4	51.1	54.4	55.0	66.6	56.7	55.7	66.7	56.7	66.7	55.7	ŧ
GF 1500	0 49.5	55.4	51.1	54.4	55.0	56.6	55.7	66.7	66.7	56.7	65.7	66.7	
GE 1400	0 48.5	55.5	61.3	54.6	65.2	36.3	57.3	67.0	57.9	57.0	67.0	67.0	ŧ
GE 1200	0 49.5	56.5	52,5	66.1	67.7	53.4	58.5	68.6	63.6	68.6	64.6	68.6	ŧ
GE 1000	0 51.3	39.0	65.4	69.2	71.3	72.0	72.4	72.4	72.4	72.4	72.4	72.4	7
ვნ შეე		53.4	67.1	71.3	73.4	74.2	74.5	74.5	74.5	74.5	74.5		
GE 300	0 57.5	55.2	73.7	73.5	30.9	81.5	81.9	31.9	31.9	91.9	31.9		
SE 700	58.2	55.0	74.3	79.4	31.9	82.5	82.9	82.9	32.9	92.9	82.9	92.9	
GE 500	0 59.4	57.1	74.7	79.9	32.4	83.1	н3.4	93.4	83.4	83.4	83.4	33.4	9
3E 500	0 59.5	24.5	76.1	31.3	34.0	34.7	95.1	35.3	85.4	85.4	55.4	35.4	a,
GF 450		40.E	77.5	92.3	35.5	86.3	45.8	87.0	37.1	37.1	۶7.1	87.1	Ä
SE 400			31.3	35.9	90.0	90.3	91.2	91.5	91.5	91.5	91.6	91.6	ō
95 350	0 63.4	74.4	32.5	88.5	71.7	92.6	93.0	93.3	93.4	93.4	93.5	93.5	Ġ
SE 300	0 65.1	75.9	34.3	90.5	93.8	94.6	95.2	95.6	95.7	95 • 7	95.8	95.3	9
GE 250	قهود (15.3	24.3	91.1	74.7	95.6	95.2	96.7	95.6	95.3	96.9	95.9	g)
35 200) 5º.6	75.7	05.3	31.7	15.5	96.5	97.1	97.5	37.5	97.5	97.7	97.7	Q
GF 130	9 65.7	76.8	35.4	91.3	95.5	96.5	97.2	97.5	97.7	97.7	93.0	98.0	9
3E 150	1 65.0	75.7	45.6	92.2	96.3	37.3	98.0	98.4	98.5	78.6	98.3	98.8	3
3E 120) 55.0	77.1	35.5	92.5	96.7	97.6	98.3	98.7	93.8	99.0	99.2	99.2	9
35 100	3 96.2	77.3	s 6. 0	92.7	95.9	97.9	93.5	98.9	99.0	99.5	99.7	39.7	9
SE 90		77.3	35.3	72.7	95.9	77.5	79.5	98.9	99.9	20.5	99.7	99.7	q
SE RO	0 64.2	77.3	35.9	92.7	97.0	98.0	98.5	97.0	99.1	99.5	99.9	79.4	10
- SF - 70	9 66.2	77.3	96.0	92.7	97.0	99.0	99.6	97.0	99.1	29.6	99.8	99.3	10
GE 50	0 56.2	77.3	55.0	92.7	97.0	98.0	98+6	99.0	99.1	99.5	99.8	99. ઇ	10
6E 50		77.3	35.3	92.7	97.0	93.0	98.5	99.0	99.1	99.5	99.4		_
- <u>95</u> - 40	- •	77.3	36.0	92.7	97.9	98.0	98.6	99.0	99.1	99.6	00.5		
GF 30	-	77.3	36.0	92.7	97.0	98.0	94.5	99.0	99.1	99.5	99.8	99.8	-
SE 20		77.3	35.0	92.7	77.0	93.0	93.6	99.0	99.1	99.6	99.5	99.€	10
GE 10	56.2	77.3	ვნ∙ მ	92 • 7	37.0	78.0	93.6	99.0	99.1	99.5	99.3	99.3	10
GF 00	9 65.2	77.3	95.3	92.7	97.0	94.0	98.5	0.66	99.1	99.5	99.9	99. H	10

TOTAL NUMBER OF DASERVATIONS 330

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY SHOULD SHOULD SHOW THE PROPERTY OF THE PROPERT

æ	46: SIC	RENBACKE	R ANGS	Эн		PERIOD MONTH:		ORD: M HOURS:	AR 78 - 18-20	FE3 88		
	1	VISIBILI	TY IN	STATUTE	MILES							
3	, -	o_{ir}	3=	58	G.F	GE	GE	GF	GE	GE	GE	GE
	خ	2 1/2	5	1 1/2	1 1/4	1	3/4	5/9	1/2	3/3	1/4	Ú
• • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •
1	j 4. 9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
	55.0	55.5	65.7	55.7	55.7	55.7	65.7	66.7	66.7	66.7	66.7	66.7
1	55.0	56.5	55.7	55.7	65.7	56.7	66.7	55.7	66.7	66.7	66.7	66.7
1	55.0	56.5	55.7	55.7	65.7	55.7	66.7	66.7	65.7	66.7	56.7	66.7
9.5	65.2	56.3	67.0	67.0	57.0	57.0	67.0	67.0	67.0	67.0	67.0	67.0
1	57.7	58.4	58.5	63.6	63.6	63.6	63.6	69.6	69.6	68.5	68.5	68.5
, ,	71.3	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
11.3	73.4	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
1.5	47.9	81.5	81.9	31.9	31.9	81.9	31.9	81.9	81.9	81.9	81.9	81.9
1	31.3	82.5	82.9	82.9	32.9	92.9	82.9	32.9	82.9	32.9	82.9	82.9
	32.4	83.1	d3.4	53.4	83.4	83.4	83.4	33.4	83.4	83.4	83.4	83.4
	34.0	34.7	25.1	95.3	85.4	35.4	85.4	35.4	85.4	85.4	85.4	85.4
. :	35.5	36.3	A5.3	87.0	37.1	37.1	£7.1	87.1	87.1	A7.1	87.1	87.1
4.3	90.0	90.3	91.2	91.5	91.5	91.5	91.6	91.6	91.7	91.7	91.7	91.7
. 4	71.7	92.6	93.0	93.3	93.4	93.4	93.5	93.5	93.7	93.7	93.7	93.7
	93.6	94.6	95.2	95.5	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9
k: . 1	34.7	15.6	95.2	26.7	36.5	95.3	96.9	96.9	97.0	97.0	97.0	97.0
1.7	15.5	96.5	97.1	97.5	97.6	97.5	97.7	97.7	97.8	97.8	97.3	97.8
1 1.3	95.5	96.5	97.2	97.5	97.7	97.7	93.0	98.0	98.1	98.1	98.1	98.1
] / . ? ·	96.3	37.3	98.0	99.4	98.5	98.6	98.3	98.8	99.0	99.0	99.0	99.0
	95.7	97.6	98.3	98.7	98.8	99.0	99.2	99.2	99.5	99.5	99.5	99.5
1.7	96.7	27.8	93.5	93.9	97.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9
!	95.7	77.5	93.5	98.9	29.0	99.5	69.7	99.7	99.9	99.9	99.9	99.9
1.7	97.9	98.0	98.5	99.0	99.1	99.5	99.9	99.8	100.0	100.0	100.0	100.0
. 7	97.0	94.0	93.6	97.0	99.1	99.6	29.8	99.3	100.0	100.0	100.0	100.0
1	37.0	98.0	98.6	99.0	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0
. 7	→7.)	93.0	98.5	99.0	99.1	99.6	99.4	99.3	100.0	100.0	100.0	100.0
1.7	97.9	98.0	93.5	99.0	99.1	99.6	୩୨.୫	99.5	100.0	100.0	100.0	100.0
J 7	97.0	93.0	98.5	99.0	99.1	99.5	69.8	99.8	100.0	100.0	100.0	100.0
- 7	77.0	93.0	93.6	99.0	99.1	99.5	99.5	39.€	100.0	100.0	100.0	100.0
11.7	97.0	93.0	93.6	99.0	99.1	99.6	99.9	99.8	100.0	100.0	100.3	100.0
`,7	97.0	95.0	38.6	93.0	99.1	99.5	99. म	99.B	100.0	0.001	100.0	100.0
• • • • •	• • • • • • •	• • • • • • •	• • • • •			• • • • • •			• • • • • •		• • • • • •	• • • • •

GPERATING LOCATION MAM USAFFTAC, ASMEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VERSU

CELLING IN OF OF OF OF OF OF OF OF OF O	STATION	NUMBES:		LST	TO UTC	+ 5	KENBACKE				PERIOD HTMOM		ეПКО: М, HOURS: ;
THE FEET 7 5 5 5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/4 5/4 5/4 5/4 5/4 5/4 5/4 5/4 5/4 5	CETUTNG	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •						• • • • • •	• • • • • •	• • • • • • • •
NG CELL		G, F	6,4	5 Ξ	GF						GE	GE	G F
NG CEIL 43.7 49.8 54.9 00.2 53.4 54.0 64.1 54.1 64.1 54.1 64.1 64.1 64.1 64.1 65 27000 43.4 55.2 61.1 57.7 72.2 72.7 73.0 73.0 73.0 73.0 73.0 73.0 73.0 73	_		5									_	5/4
\$\begin{array}{c} \text{S} \text{2} \text{2} \text{2} \text{3} \text{4} \text{4} \text{5} \text{4} \text{5} \text{5} \text{4} \text{5} \text{4} \text{5} \te	• • • • • • •	• • • • • •	• • • • • • •					• • • • •			• • • • • •		• • • • • • • •
\$\frac{6}{5} \frac{1}{1} \frac{2}{1} \text{c} \frac{4}{1} \frac{4}{3} \frac{4}{3} \frac{1}{3} \frac{7}{2} \frac{3}{3} \frac{7}{2} \frac{3}{3} \frac{7}{2} \frac{3}{3} \frac{7}{2} \frac{3}{3} \frac{7}{2} \frac{3}{3} \frac{7}{3} \frac{1}{3} \frac{7}{3} \frac{7}	NO CEIL	43.9	49.3	54.9	60.2	53.4	54.0	64.1	54.1	54.1	54.1	54.1	64.1
SE 1000 46.4 59.3 61.2 67.9 72.3 72.3 73.1 73.1 73.1 73.1 73.1 73.1 73.1 73.1 73.1 73.2 73.3 73.2 73.3 73.3 73.3 73.3 73.3 73.3	SE 20000	42.3	55.2	51.1	57.7	72.2	72.7	73.0	73.0	73.0	73.0	73.0	73.0
GE 14000 43.4 55.3 51.2 67.8 72.4 72.9 73.2 73.1 74.1	ST 19000	43.4	55.3	51.2	67.3	72.3	72.3	73.1	73.1	73.1	73.1	73.1	73.1
GE 12000 48.3 55.7 51.3 56.5 73.1 73.8 74.1 74.2	GE 15000	49.4	55.3		67.8	72.3	72.9	73.1	73.1	73.1	73.1	73.1	73.1
GF 10000 47.3 67.7 63.2 71.0 76.3 77.5 77.4 78.0 77.0 79.0 78.0 78.0 78.0 78.7 </td <td>GE 14000</td> <td>43.4</td> <td>55.3</td> <td>61.2</td> <td>67.B</td> <td>72.4</td> <td>72.9</td> <td>73.2</td> <td>73.2</td> <td>73.2</td> <td>73.2</td> <td>73.2</td> <td>73.2</td>	GE 14000	43.4	55.3	61.2	67.B	72.4	72.9	73.2	73.2	73.2	73.2	73.2	73.2
5F 2000 50.3 87.5 53.8 71.5 76.0 73.2 73.5 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 85.7 86.7 86.7 86.7 86.7 86.7 86.7 86.0 87.1 37.2 87.3 8	GE 12000	48.3	55 .7	51.3	58.5	73.1	73.8	74.1	74.1	74.1	74.1	74.1	74.1
5F 2000 50.3 87.5 53.8 71.5 76.0 73.2 73.5 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 85.7 86.7 86.7 86.7 86.7 86.7 86.7 86.0 87.1 37.2 87.3 8	SE 10000	49.4	57.3	63.2	71.0	76.3	77.5	77.3	79 0	7 - O	70 1	72 1	79.0
SE 8000 53.2 51.2 68.6 77.5 83.8 95.1 85.6 85.7 86.7 8		-	-		-			_	-		-	-	_
GE 7900 54.0 51.7 69.4 78.9 34.5 36.0 86.6 86.7 86.7 86.7 86.7 86.7 86.7 86.7 86.7 86.7 86.7 86.7 86.7 87.2 88.2 96.2 97.3 97.4 97.2 97.3 97.4 97.2													
SE 6000 54.4 62.4 69.9 78.9 35.1 36.6 37.1 37.2 87.2 87.2 37.3 37.2 37.2 37.2 37.2 37.2 37.2 37.2 37.2 <	GE 7000									=			
78 4500 55.9 54.0 71.4 80.3 37.0 39.5 97.0 10.1 89.1 80.1 80.1 80.1 92.1 92.9 92.9 92.9 92.9 92.9 92.9 92		54.4	62.4					-					
78 4500 55.9 54.0 71.4 80.3 37.0 39.5 97.0 10.1 89.1 80.1 80.1 80.1 92.1 92.9 92.9 92.9 92.9 92.9 92.9 92													
5T 4000 58.4 55.9 74.5 84.3 90.6 92.3 92.8 92.0 92.0 92.0 92.0 92.0 92.0 94.4 <		•			-	-							
GE 3500 59.4 58.1 75.0 85.7 92.0 93.7 94.2 94.3 94.4 94.8 97.8 97.8 <		-								_			
GE 3000 50.4 50.2 77.0 37.4 94.2 95.6 96.3 95.5 96.6 96.7 96.8 96.8 3F 2500 60.6 57.6 17.2 37.7 04.6 06.5 37.0 07.1 97.2 37.3 97.4 97.4 97.4 97.5 97.6 97.7 97.6 97.7 97.8 97.8 97.8 97.7 97.8 97.8 97.8 97.8 97.8 97.7 97.8 97.8 97.8 97.7 97.8 97.8 97.8 97.7 97.8 97.8 97.8 97.9 97.6 97.7 97.8 97.8 97.9 97.8 97.9 97.7 97.8 97.8 97.9 98.1		-											
36 2500 50.6 57.6 77.4 88.1 95.1 96.9 97.4 97.5 97.6 97.7 97.8 97.8 97.9 62 100 50.5 63.8 77.7 88.3 95.5 97.3 97.3 97.3 98.9 99.4 99.5 99.5 62 600 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 62 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 6E 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 6E 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 6E 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 6E 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 6E 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 6E 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 6E 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 6E 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 6E 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 6E 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 6E 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 6E 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 GE 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 GE 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 GE 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 GE 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 GE 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 GE 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 GE 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 GE 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 GE 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 GE 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 99.6 GE 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 99.6 GE 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 99.6 GE 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 99.6 GE 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 99.6 GE 20													•
\$\frac{9}{1900} \begin{array}{cccccccccccccccccccccccccccccccccccc	9E 3000	53.4	27.4	((• G	37.4	94.2	95.5	90.5	95.5	90.5	95.7	96•8	95.8
\$\frac{95}{1900} \begin{array}{cccccccccccccccccccccccccccccccccccc	3E 2500	50.5	57.4	17.2	37.7	74.5	36.5	97.0	77.1	37.2	37.3	97.4	97.4
GE 1500 60.6 59.6 77.5 88.2 95.3 97.3 97.6 97.7 97.8 95.0 98.1 98.3 99.4 98.4 98.4 97.5 1200 90.5 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99	35. 3399	60.5	99 . 5	77.4	a p . 1							-	
GE 1200 00.0 09.0 77.5 88.3 95.5 97.3 97.6 98.0 98.1 98.3 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4	SE 1900	50.5	54.5	77.4	88.1	95.1	95.9	97.4	97.5	97.6	97.7	97.8	97.9
GF 1000 50.9 69.8 77.7 84.5 05.7 97.5 98.2 08.3 98.4 08.9 98.9 98.1 98.7 98.8 98.9 99.5 99.5 99.5 65 000 61.3 70.2 78.2 89.0 95.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 66 600 61.3 70.2 78.2 89.0 95.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 66 600 61.3 70.2 78.2 89.0 95.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 66 600 61.3 70.2 78.2 89.0 95.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 66 600 61.3 70.2 78.2 89.0 95.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 66 600 61.3 70.2 78.2 89.0 95.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 66 600 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 66 600 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 66 600 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 66 600 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 66 66 600 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 66 66 600 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 66 66 600 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 66 66 600 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 66 66 600 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 66 66 600 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 66 66 600 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 66 66 600 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 66 66 600 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 66 66 600 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 66 66 600 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 66 66 600 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 66 66 600 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 66 66 600 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 66 66 600 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 66 66 600 61.3 70.2 78.2 89.0 98.0 98.0 98.9 99.5 99.6 99.6 66 66 600 61.3 70.2 78.2 89.0 98.0 98.0 98.0 98.9 99.5 99.6 99.6 66 66 600 600 61.3 70.2 78.2 89.0 98.0 98.0 98.0 98.9 99.5 99.6 99.6 99.6 66 600 600 61.3 70.2 78.2 89.	GE 1500	40.0	49.5	77.5	39.2	95.3	97.1	97.6	97.7	97.8	95.3	93.1	98.1
GC 100 51.0 60.0 77.2 86.7 105.0 107.7 108.4 108.5 108.5 108.6 108.6 108.6 108.6 108.6 108.6 108.6 108.6 108.7 108.6 108.7 108.6 108.7 108.6 108.7 108.6 108.7 108.6 108.7 108.6 108.7 108.6 108.7 108.6 108.7 108.6 108.7 108.6 108.7 108.7 108.8 108.9 109.4 109.5 <td>3E 1200</td> <td>o)•o</td> <td>24.5</td> <td>77.5</td> <td>39.3</td> <td>95.5</td> <td>97.3</td> <td>97.3</td> <td>98.0</td> <td>98.1</td> <td>98.3</td> <td>99.4</td> <td>78.4</td>	3E 1200	o)•o	24.5	77.5	39.3	95.5	97.3	97.3	98.0	98.1	98.3	99.4	78.4
GC 100 51.0 60.0 77.2 86.7 105.0 107.7 108.4 108.5 108.5 108.6 108.6 108.6 108.6 108.6 108.6 108.6 108.6 108.7 108.6 108.7 108.6 108.7 108.6 108.7 108.6 108.7 108.6 108.7 108.6 108.7 108.6 108.7 108.6 108.7 108.6 108.7 108.6 108.7 108.7 108.8 108.9 109.4 109.5 <td>CE 1003</td> <td>60.0</td> <td>() 7</td> <td>77 7</td> <td>o , =</td> <td>35.3</td> <td>0.7 5</td> <td>0.2.3</td> <td>0.0.3</td> <td>30 /</td> <td>2.3. 3</td> <td>0.0.0</td> <td>22.2</td>	CE 1003	60.0	() 7	77 7	o , =	35.3	0.7 5	0.2.3	0.0.3	30 /	2.3. 3	0.0.0	22.2
GE 800 61.8 70.2 79.2 89.0 95.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 96.5 62 700 61.3 70.2 78.2 89.0 95.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 65 600 61.3 70.2 78.2 89.0 95.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 65 65 65 65 65 65 65 65 65 65 65 65 65			•		•					-			•
GE 700 61.3 70.2 78.2 89.0 95.2 98.1 98.7 98.8 99.9 99.4 99.5 99.5 96.6 600 61.3 70.2 78.2 89.0 95.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 97.5 97.5 97.5 97.5 97.5 97.5						-							
5E 500 51.3 70.2 78.2 89.0 95.2 98.1 98.7 98.8 98.9 99.4 99.5 99.5 97.5 97.5 97.5 97.5 97.5 97.5												-	-
35 500 61.3 70.2 78.2 89.0 95.2 98.1 98.7 98.8 98.9 99.4 99.5 99.6 99.6 GE 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 GE 200 51.3 70.2 78.2 89.0 90.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 90.8 98.9 99.5 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 90.8 98.9 99.5 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 90.8 98.9 99.5 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 90.8 98.9 99.5 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 90.8 98.9 99.5 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 90.8 98.9 99.5 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 90.8 98.9 99.5 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 90.8 98.9 99.5 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 90.8 98.9 99.5 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 90.8 98.9 99.5 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 90.8 98.9 99.5 99.6 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 90.8 98.9 99.5 99.6 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 90.8 98.9 99.5 99.6 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 90.8 98.9 99.5 99.6 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 90.8 98.9 99.5 99.6 99.6 99.6 99.6 99.6 99.6 99													_
GE 400 51.3 70.2 78.2 89.0 95.2 95.1 98.7 98.8 08.9 99.5 99.6 99.6 GE 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6) <u> </u>	3	1012		W , • O	70.2	70.1	70.1	70.	77.7	77.4	,,,,,	77.0
GE 300 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 GE 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 90.8 98.9 99.5 99.6 99.6	35 500	41.3	77.2	78.2	0 a .)	25.2	98.1	99.7	73.6	93.9	99.4	39.5	99.5
GE 200 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6 GE 100 51.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6			_	79.2	39.0	95.2	95.1	99.7	98.3	38.9	97.5	99.6	99.5
GE 100 61.3 70.2 78.2 89.0 96.2 98.1 98.7 98.8 98.9 99.5 99.6 99.6					ყ 9•1	95.2	98.1	98.7	35.3	98.9	99.5	99.5	99.5
					39.0	90.2	98.1	98.7	93.3	93.9	99.5	99.6	99.6
05 000 61 3 70 2 73 3 00 0 07 07 07 1 07 7 07 5 07 5 07 6 07 6	GE 100	51.3	7 0.2	73.2	89.0	96.2	93.1	98.7	90.3	93.9	94.5	99.5	99.6
	35 222	51.3	7),2	78.2	9.9 . .)	95.2	98.1	93.7	99.5	28.9	99.5	99.5	20.4
3. 24 34		9147		17942 18444	7.1	95.2	15.1	49.7	77.5	17.1	44.7	9.5	99.5

TOTAL NUMBER OF DISERVATIONS 930

131L

	1			FRJM	HOUPLY	DBSERVA	TIONS						
7 7.)• •	JIC	+ 5	KENBACKE	R AVCB	Эн		DERIOO HTMOM	TE RECI	TRD: M/ HOURS: 2		FF6 88		
G -	! · · · ·	• • • • • •	VISIBILI	TY IN	STATUTE	MILES	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • •
10	1	55	GE	GE	Ģ€	GΕ	GE	SE	G F	G ÷	٥ċ	SE	GE
•••	1	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
4 . i=	1	• • • • • • •			• • • • • • • • • • • • • • • • • • • •								
13. "	27.5	53.4	54.0	54.1	54.1	54.1	54.1	64.1	64.1	64.1	64.2	64.3	64.4
13.1	2.7	72.2	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.2	73.3
3.1	7.3	72.3	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.3	73.4
3.2	1.7.3	72.3	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.3	73.4
4.1	17.5	72.4	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.4	73.5
a.5	ar • 5	73.1	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.3	74.4
	11.7	74.3	77.5	77. 1	79.0	78.O	78.0	73.0	78.0	74.0	78.1	75.2	78.3
5.7		75.9	78.2	73.5	79.7	79.7	73.7	73.7	79.7	73.7	74.3	70.9	79.
	77.5	93.8	35.1	85.6	95.7	35. 7	95.7	85.7	85.7	25.7	95.9	25.9	86.0
7.2		34.5	36.0	85.5	85.7	86.7	36.7	96.7	36.7	95.7	56.3	36.9	87.0
. • •		35.1	36.6	37.1	37.2	37.2	9 7. 2	37.2	87.2	87.2	37.3	87.4	37.5
$a \rightarrow$	1	, , ,	3343	31.4.	3,142		,	3.42			2.42		
9.1 2.0		35.0	97.5	a 1	88.2	38.2	23.2	33.2	38.2	29.2	44.3	9,,4	94.5
2.0		37.0	49.5	23.5	10.1	49.1	49.1	89.1	$39.\overline{1}$	99.1	49.2	47.4	સવું દ
4.4		99.5	92.3	32.3	92.9	92.9	22.2	92.3	92.9	92.9	93.0	93.1	93.2
5 • 1	. 7	92.3	93.7	24.2	74.3	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.7
	7	94.2	95.8	76.3	95.5	96.5	95.7	96.8	96.8	95.5	95.9	97.0	97.1
7.4	l							2.7	0.7		0 9		
7.	1.7	34.5	76.5	37.)	37.1	97.2	37.3	97.4	97.4	97.4	97.5	37.5	97.7
7	1	95.1	95.9	97.4	77.5	77.5	37.7	97.4	97.4	97.8	94.0	98.1	98.2
• • •	·i	95.1	95.9	97.4	97.5	47.6	97.7	97.8	97.9	97.3	98.0	98.1	98.2
5.4		95.3	97.1	97.6	97•7 93•9	97.8 98.1	95.0	9명 . 1 9명. 4	98.1 98.4	93.1 98.4	93.2 98.5	93•3 95•6	98.4 98.7
2.5	1	95.5	97.3	97.3	70.9	70.1	98.3	77.44	70.4	70.4	90.0	73.5	70.1
1.1	1	25.7	97.5	93.2	29.2	38.4	วล. ผ	98.9	93.9	98.9	27.0	99.1	99.2
3 4	, ·	95.9	27.7	99.4	າຍໍ 5	39.4	79.0	90.1	99.1	99.1	93.2	99.4	99.5
. 6	.)	95.2	28.1	24.7	93.8	98.9	99.4	99.5	99.5	09.5	99.5	99.7	99.8
.5	1	10.2	95.1	93.7	98.3	93.9	99.4	99.5	99.5	99.5	99.6	99.7	99.8
1		95.2	98.1	98.7	90.3	99.9	99.4	99.5	99.5	99.5	99.5	99.7	99.8
	i		_	-									
.5	(.)	75.2	98.1	94.7	7 ₹.6	93.0	99.4	39.5	99.5	07.5	99.5	99.7	99.3
•5	· · 1	35.2	99.1	98.7	99.9	39.9	99.5	99.6	49.6	99.5	99.7	99.3	99.7
•5	5 P. T	95.2	95.1	93.7	98.8	98.9	99.5	99.6	99.5	99.6	99.7	99.3	100.0
•6	1 1	30.2	3P.1	98.7	93.3	93.9	99.5	99.6	99.6	99.6	99.7	99.3	100.0
. 1	** O	20.2	93.1	98.7	98.9	93.9	99.5	99.6	99.6	99.6	, 99.7	99.3	100.0
• ',	٠,)	35.2	98.1	94.7	90.5	25.2	07.5	99.5	99.6	99.6	99.7	99.8	100.0
		• • • • • •											• • • • • •

OPERATING LOCATION "A"
USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CLILING VERSUS VIS

STATION	IUMBER:		LST	TO UTC:	+ 5					:HTMCM		JRS: ALL
CEILING	• • • • • •	• • • • • • •	* * * * * * *	• • • • • •		VISIBILI				• • • • • • •	• • • • • •	• • • • • • • •
IN	9.0	3.5	95	Gr.	35	GE GE	SE	STATUTE GE	GE 2	38	SE	,- ·-
- 1 4 	7	5	9: 5	91 4	3	2 1/2	2		1 1/4		3/4	G∃ 5 / 3
												57 %
• • • • • • • • •		· · · · · · · ·	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •
NO CEIL	34.8	39.5	44.5	45.5	52.1	53.2	54.9	55.6	55.7	56.1	55.2	56.2
GE 20000	33.7	94.1	49.7	54.4	53.7	59.8	61.9	52.5	62.7	53.2	63.3	63.4
SF 18000	30.0	44.1	49.3	54.4	53.3	59.9	61.0	52.7	52 · 4	63.2	63.4	63.4
SE 16000	38.8	44.1	49.8	54.4	53.8	59.9	51.9	52.7	52.4	53.2	63.4	63.4
GF 14000	39.0	44.3	50.3	54.7	59.1	69.3	52.3	63.1	63.2	53.6	63.8	53.9
GE 12000	39.5	45.0	50.9	55.7	50.2	61.4	63.4	54.2	54.3	54.3	64.9	65.0

35 10000	41.2	·7.0	53.3	55.0	54.0	55.5	67.7	68.0	53.3	69.2	67.4	59.4
35 0000	41.7	47.0	54.3	57.7	65.1	66.7	55.3	40.0	70.0	70.5	70.7	70.7
35 adad	44.3	*1.2	53.5	64.3	79.5	72.3	74.3	75.8	75.0	76.5	76.7	75.7
35 7000	4 . 4	51.0	59.1	95.5	71.3	73.1	75.5	75.5	75.5	77.3	77.5	77.5
GE 5000	45.5	52.1	59.5	55.3	71.5	73.5	75.1	77.1	77.3	77.1	75.1	75.1
GE 5000	46.5	50.2	50.7	57.3	73.2	75.1	77.5	78.7	74.9	79.4	73.7	73.7
75 4533	47.1	73.0	51.5	4 3	74.3	76.2	73.3	77.3	30.1	30.7	40.4	31.0
SE 4710	44.9	56.3	54.3	71.5	79.0	90.1	32.9	94.0	34.2	34.2	45.0	as, n
3F 3500	49.9	F7.5	55.3	73.3	30.1	32.2	35.0	35. <i>2</i>	35.4	37.0	87.2	37.3
3E 3000	52.0	50.2	63.7	76.5	83.6	A5.9	58.8	90.1	90.3	91.0	91.2	91.3
												-
GE 2500	52.5	50.4	59.7	77.7	34.3	37.3	9).3	91.5	91.5	92.5	92.7	92. ∢
35 2000	50.0	61.4	7.3.3	74.5	45.8	38.3	21.3	92.6	12.7	33.5	93.8	93.9
SF 1300	63.0	61.6	10.5	74.5	35.0	온목 • 4	91.4	92.3	93.0	93.7	94.0	94.1
35 1600	57.4	62.1	71.1	79.3	85.5	39.3	92.4	93.9	74.1	74.7	95.2	95.3
5a 1200	23.5	52.5	71.5	79.9	37.5	90.1	93.3	94.8	95.1	95.9	95.2	95.3
GE 1000	54.0	812 · 14	71.9	ತ≎.3	38.1	40.7	94.1	35.5	95.0	96.3	97.2	97.2
3. 300	1.4.	7 D	77.7	30.4	39.2	90.4	94.2	95.8	75.1	27.3	97.3	97.4
SE 300	54.1	• • •	72.2	80.5	43.5	91.1	94.5	95.1	95.5	97.4	97.7	97.3
35 700	54.1	52.4	72.2	80.7	33.5	91.2	94.7	96.4	95.3	97.7	98.0	98.1
ଜେଲ୍ ୬୦୦	54.1	02.9	72.2	30.7	83.7	21.3	94.8	96.5	96.9	97.3	93.1	98.2
GE 500	54.1	92.9	12.2	30.7	33.7	91.4	95.1	₹6•4	97.2	98.2	93.5	73.6
35 400	54.1	45.0	72.2	40.7	33.3	91.4	95.2	35.9	77.3	93.3	90.7	33 .7
300	54.1	52.0	12.2	∃(• .7	नेने. न	91.5	95.3	97.0	77.4	98.4	94.8	98.₹
GE 200	54.1	52.9	72.2	30.7	იპ. პ	91.5	95.3	97.0	37.4	98.4	93.3	98.9
GE 100	54.1	52.9	72.2	80.7	33.3	91.5	95.3	97.0	97.4	9년 • 4	93.3	98.9
36 330	54.1	65.3	72.2	20 .7	33.3	91.5	39.3	37.0	77.4	78.4	વલે ન	da*d

TOTAL NUMBER OF DESERVATIONS 7439

-	TI'IN NA:		KENBACKE	R ANGS	art			OF RECO			FEB 88		
	• • • • • • •	• • • • • •	VISIBILI	TV The	STATUTE	MTLES	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
	g.r	35	GE	Sξ	5,4,071 GE	Ge	GΕ	35	G =	50	3.5	GF	SE
j	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/€	1/4	0
}		• • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
4 =	47.5	52.1	53.2	54.9	55.6	55.7	56.1	56.2	56.2	56.4	96·4	56.5	56.7
	34.4	53.7	59.8	51.9	52.5	62.7	53.2	63.3	63.4	63.5	63.5	63.7	63.9
5	4.4	53.3	59.0	51.9	52.7	62.9	53.2	63.4	63.4	63.5	53.7	63.8	54.0
5	54.4	53.9	59.9	51.7	52.7	52.3	53.2	63.4	63.4	63.6	63.7	63.8	64.0
5	-4.7	59.1	69.3	62.3	63.1	63.2	53.6	63.3	63.9	64.0	54.1	64.2	64.4
0	>5 ,7	50.2	51.4	63.4	54.2	64.3	54.3	64.9	65.0	65.1	65.2	55.3	65.5
		5+.)	25.5	67.7	55.o	53.3	69.2	69.4	59.4	69.5	59.7	59.3	70.0
5	,)	55.1	55.7	55.7	40.0	72.0	70.5	70.7	70.7	77.9	70.9	71.1	71.2
9	54.1	70.5	72.3	74.4	75.8	75.0	75.5	76.7	76.7	76.9	77.0	77.1	77.3
9	1,6,5	71.3	73.1	75.5	75.5	75.9	77.3	77.5	77.5	77.7	77.9	77.9	78.1
7	4 . اگر	71.5	73.5	75.1	77.1	77.3	77.9	73.1	78.1	78.3	79.4	73.5	78.7
	37 . 3	73.2	75.1	77.5	73.7	73.9	79.4	73.7	73.7	79.9	30.0	વ0•1	80.3
9	1	74.3	76.2	73.3	77.7	3: 1	30.7	an a	31.0	51.1	31.7	81.3	81.5
1	71.5	73.0	99.1	32 g	94.3	34.2	94.2	85.0	49.0	85.2	45.3	35.4	85.6
2	73.1	30.1	32.2	35.0	35.2	36.4	37.0	87.2	37.3	87.5	57.5	57.7	87.9
ς 5	10.5	43.19	25.9	ਰ 9•ਰ	90.1	90.3	91.0	91.2	91.3	91.5	91.6	91.7	91.9
	17.7	34.3	₹7.3	9).3	91.5)1.e	92.5	92.7	92. a	93.0	93.1	93.2	93.4
2		45.4	35.3	71.3	42.6	12.9	73.5	93.A	93.9	94.1	94.2	94.3	94.5
1	, ,	35.0	8 3 · 4	91.4	92.4	93.0	93.7	94.0	94.1	94.3	94.4	94.5	94.7
3	70.3	25.3	39.3	92.4	93.9	14.1	74.7	95.2	95.3	95.5	95.5	95.7	95.9
: 5	70.0	37.6	90.1	93.3	94.5	95.1	95.9	95.2	95.3	96.5	95.5	96.7	96.9
1	5 2 . *	34.1	95.7	94.1	35.5	95.0	96.3	97.2	97.2	₹7.5°	97.5	97.7	97.9
5 (37.2	9 0.8	94.2	95.3	75.1	77.7	97.3	97.4	97.7	97.3	97.9	98.1
7		33.5	91.1	94.5	95.1	95.5	97.4	97.7	97.3	93.1	98.2	99.3	38.5
1	7. 7	33.5	91.2	94.7	36.4	95.8	97.7	98.0	98.1	08.3	78.4	98.5	98.7
: 1	1.7	33.7	71.3	94.9	96.5	96.9	97.3	93.1	98.2	93.5	93.5	98.7	96.9
5							·	2 5	3.5.7				22.2
;	: 7	55.7	91.4	35.1	30.4	97.2	94.2	95.5	73.6	93.9	3 3∙9	99.1	99.2
1	7	વુવુ ર	91.4	95.2	99.9 97.0	97.3	73.3 92.4	92.7	99.7 94.3	99.2	99•1 99•2	99.2	99.4
· •	. 7	43.8	91.5 91.5	95.3 95.3	27.0	37.4	-	9A.8	98.9	99.3	99•2 99•4	99.5	99.6 99.3
3	2.17	ექ∎ ქ ქყ. კ	-		97.0	97.4	98 • 4 9년 • 4	93.3	98.9	99.3	99.4	99.5	99.5
1	52.7	35.5	91.5	95.3	71.9	97.4	78.4	93.8	70.7	77.3	77.4	77.0	77.7
1	7	33.3	91.5	95.3	37.0	37.4	20.4	વાલુ•ાન	98.9	97.3	99.4	99.6	100.0
	· · · · · · · ·			• • • • • •							• • • • • • •		• • • • • •

1439

LIT

OPERATING LOCATION MANUSAFFIAC, ASHIVILLE NO

PERCENTAGE EREQUENCY OF OCCURRENCE OF CEILING VERSUS FROM HOURLY DISCRIVATIONS

STATION	યાં અલેદ ઇ:	724285	LST	TO UTC	+ 5	KENBACKE				MCNTH:		สอบสร
CCTL TAIC	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		VISIBILI				• • • • • •	• • • • • •	• • • • •
CEILING	C. 4	3.7	G.F.	6F		413191C1	9E	GE	65	G=	G.E	g٢
د د د ا	7	, ,	5	4): 3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/4
						• • • • • • •				· · · · · · · ·		
NO CEIL	47.5	53.3	57 , s	59,3	63.6	64.2	65.0	55.1	55.1	65.1	55.3	55.
GE 5000	-	5.5	50.0	52.2	66.4	67.1	6,7.9	53.2	5° • 2	52.4	63.7	53.
75 1370		55.7	20.1	62.2	65.4	57.1	67.3	54.2	53.2	42.4	64.7	58.
GF 1500	-	55.3	59.9	52+2	65.4	67.1	57.9	54.2	53.2	54.4	58.7	58.
GE 1400		50.3	59.4	62.2	55.4	67.1	67.9	58.2	63.2	63.4	65 .7	55.
GE 1200	9.6	ებ.ე	50. 3	63.1	57.3	68.0	68.3	53.1	69.1	69.3	69.5	59.1
35 1000	3 53.1	53.4	54.2	65.7	70.0	72.0	73.3	73.1	73.1	73.3	73.6	73.4
ງະ ວາງ		÷ 2 . 7	54.3	57.4	71.7	72.3	73.6	73.0	73.0	74.1	74	74
ระ ชาก		53.8	50.7	72.4	75.3	77.	73.7	79.0	79.0	79.4	73.7	79.
3E 700		95 . 3	71.2	74.0	73.3	79.4	50.2	30.5	30.5	51.0	51.2	31.,
GE 500		35.7	71.5	74.3	73.7	79.3	80.5	30.9	99.9	91.3	81.5	31.6
300	J 2141	3,4,		, , ,	, ,, ,	• •	76	.70 • 7				. • • •
35 500	η es	47.6	73.6	76.3	a1.1	72.4	23.2	-3.5	33.6	34.0	34.7	84.1
35 450	2 50.0	5 7 . 2	75.4	7 - 3	33.1	4.4.4	មាន 🎅	3 # . 6	35.6	୯୫.ଠ	44.3	145 ·
Gr 400	0 62.0	71.7	77.6	80.4	35.3	27.0	87.9	91.2	33.2	99.7	हस,्य	St. m . €
SE 350) 52.5	71.7	7-1-1	31.2	35.3	38.0	39.3	19.7	34.7	90.1	71.3	90.1
Ge 300	5 43.7	73.5	30.4	33.7	33.3	90.4	91.5	92.1	92.1	92.5	92.3	92.
3 5 253	-	74.4	31 • 7	ر' • د. ر	30.6	92.3	63.6	74.9	94.9	54.4	74.7	74.
300	•	2 • • •	a 5 • J	(4.)	71.4	23.2	34.5	95.0	35.0	35.4	95.7	35,
35 190		75.7	~ ? . ?	26.2	91.7	93.4	94.3	25.2	25.2	95.7	32.3	95.4
36 150		75.3	35.0	35.7	92.1	93.9	95.2	95.7	35.7	95.1	95.3	15.
GE 120) 55.5	75.4	¢2 • ₹	37.1	92.6	94.3	95.7	35.1	95.1	96.5	95.3	35.
37 100	رد و عرم	71.7	13.0	37.3	73.3	94.5	95.)	36.3	34.3	94.4	27.0	27.
100 / 100 / 100 /			3.1	17.5	93.0	74.3	95.1	э ₀ , и	14.7	7.2	07.6	7.
- 40 - 65 - 40		75.0	93.5	7.5	93.4	as 2	95.5	77.4	97.5	98.0	99.2	94.
- 3£ 73:		75.0	-3.5	3 H • D	73.4	15.3	95.7	27.7	97. d	95.2	93.4	13.4
35 50 35 50		75.9	.3.5	37.07 33.3	93.6	95.3	35.9	97.9	98.0	98.4	93.7	33.7
3 2 30	3 73•1	, , , ,	~ D • 'V	3 (€)	72.9	* 7 • 3	7.3 • 7	71 17	<i>y</i> ⊕ (<i>y</i>	****	2. 3. 1	7 3 • 1
7 0 = 3	55.7	7: 1	: 1,5	5: • 3	93.7	96.4	37.0	93.0	22.1	74.5	93.3	33.
ีส์ร 4ก์		79,0	ر و در)	13.7	95.4	27.5	34.0	3-5-1	33.6	രക്ക	30.
35 10	•	75.0	ڪ ۽ ج	મુક્કે. જું	93.7	35.4	97.1	94.1	99.2	99.7	നച്ച	ရှင်္ခ
32 20	_	75.1	23.0	33.7	93.7	95.4	97.1	93.1	98.2	94.7	93.9	93.0
38 10		75.9	33.	-a - 5	93.7	95.4	47.1	93.1	98.2	9 - 7	98.9	98.
					- *							
35 33	1 65.7	74.9	13.5	35.0	33.7	95.4	97.1	98.1	#3.º	10.7	90.7	aa, c

TOTAL NUMBER OF GOSERVATIONS - 700

ज् ः +		KENBACKF	R ANGB	эн		PERIOD MONTH:		ORD: MA		FE8 88		
.	• • •	1121216	TV TN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
3		SE SE	98	GE		GE	GE	GE	GE	GE	GE	GE
	2	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
Ì												
23	• 6	54.2	65.0	65.1	65.1	65.1	65.3	65.3	65.6	65.7	66.0	66.0
55	,	47 1	(3)	(3.3	58.2	58.4	40.7	40 7	68.9	69.0	69.3	69.4
55	-	67.1 57.1	67.9	69.2 69.2	55 • Z 53 • Z	55.4 68.4	68.7 68.7	68.7 58.7	58.9	59.0	69.3	69.4
55		67.1	67.9 67.9	59.2	68.2	68,4	68.7	68.7	68.9	69.0	59.3	69.4
77						68.4	68.7	68.7	68.9	69.0	59.3	69.4
37		67.1 68.0	67.9 68.3	68.2 69.1	68.2 69.1	69.3	69.6	69.6	69.8	69.9	79.2	70.3
, 1, }	•)	99.0	3043	37.1	07.1	07.3	07.0	37.0	07.0	0747	1942	1013
70	. 0	72.0	72.3	73.1	73.1	73.3	73.6	73.6	73.8	73.9	74.2	74.3
71	. 7	72.3	73.5	73.9	73.9	74.1	74.3	74.3	74.6	74.7	75.0	75.1
75	. 3	77.9	73.7	79.0	79.0	79.4	79.7	79.7	79.9	80.0	80.3	80.4
7 3	• 3	79.4	80.2	80.5	30.6	81.0	81.2	31.2	81.4	81.6	31.9	82.0
73	• 7	79.8	80.6	80.9	30.9	81.3	81.6	81.6	81.8	81.9	82.2	82.3
1	. 1	32.4	93.2	8 3. 6	83.5	34.0	34.2	34.2	84.4	84.5	34.9	85.0
1 3 3		44.4	85.2	35.6	95.6	96.0	86.2	36.2	96.4	86.6	86.9	87.0
- 5		87.0	87.9	99.2	99.2	88.7	88.9	88.9	89.1	89.2	89.6	89.7
35		88.0	89.3	39.7	39.7	90.1	90.3	90.3	90.6	90.7	91.0	91.1
33	· it	93.4	91.8	92.1	92.1	92.5	92.8	92.8	93.0	93.1	93.4	93.6
10	_	92.2	93.6	94.0	94.9	94.4	94.7	94.7	94.9	95.0	95.3	95.4
. 71		93.2	94.6	95.0	95.0	95.4	95.7	95.7	95.9	96.0	96.3	96.4
91	-	93.4	94.3	95.2	95.2	95.7	95.9	95.9	96.1	96.2	96.6	96.7
132		93.9	95.2	95.7	95.7	96.1	96.3	96.3	96.6	96.7	97.0	97.1
چزا		94.3	95.7	76.1	96.1	96.6	96.8	96.8	97.0	97.1	97.4	97.6
, , .	• 17	71.5	,,,,,	/501	,,,,	,0.0	,,,,	70.0	,,,,	,,,,,	, . • ·	,,,,,
2.2	• न	94.6	95.9	95.3	75.3	96.8	97.0	97.0	97 • 2	97.3	97.7	97.3
3.3	• 0	94.8	95.1	96.8	96.9	97.3	97.6	97.6	97.8	97.9	98.2	98.3
73	. 4	95.2	96.6	97.4	97.5	98.0	98.2	98 • 2	98.4	98.6	98.9	99.0
+ }3	• 6	95.3	96.7	97.7	97.8	98.2	98.4	98.4	98.7	98.8	99.1	99.2
3	• 5	95.3	96.9	97.9	98.0	98.4	98.7	98.7	98.9	99.0	99.3	99.4
> 3	. 7	95.4	97.0	93.0	78.1	98.5	98.8	98.8	99.0	99.1	39.4	99.6
13	-	95.4	97.0	79.0	98.1	93.6	98.8	98.8	99.0	99.1	99.4	99.6
93		95.4	97.1	99.1	98.2	98.7	98.9	98.9	99.1	99.3	99.7	99.8
93		95.4	97.1	98.1	98.2	98.7	98.9	98.9	99.1	99.3	99.8	99.9
93	. 7	95.4	97.1	98.1	98.2	98.7	98.9	98.9	99.1	99.3	99.8	99.9
73	. 7	25.4	97.1	98.1	98.2	98.7	98.9	98.9	99.1	99.3	99.3	100.0
• • •	• • •		• • • • •	• • • • • • •		• • • • • •	• • • • • • •		, , , , ,		• • • • • •	•••••

OPERATING LOCATION MAM SUBSECTACE ASMEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL FROM HOUPLY OBSERVATIONS

STA	TION Y		724285	LST	TO UTC	+ 5	KENBACKE		_		MONTH:	SEP	ORD: MA	
	LING	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •				STATUTE		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •
	N	GE	9E	SE.	GE	SE	GE	GΞ	GE	GE	SE	GE	GE	S£
FE	E T	7	5	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2
• • •	• • • • •	• • • • •	• • • • • • •	• • • • • •		• • • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •
NÚ	CEIL	40.4	44.4	51.4	55.2	50.4	61.1	62.9	54.0	64.0	65.4	65.8	56.1	66.9
GE	20000	41.2	46.1	53.7	57.7	63.1	63.3	65.6	66.7	56.7	68.1	63.4	68.9	69.8
35	13000	41.2	45.1	53.7	57.7	53.1	63.8	65.6	55.7	56.7	58.1	68.4	64.9	59.3
SF	16000	41.2	45.1	53.7	57.7	53.1	63.8	65.5	55.7	55.7	58.1	68.4	58.9	69.8
SE	14000	41.2	45.1	53.7	57.7	63.1	53.8	65.6	55.7	55.7	53.1	68.4	58.9	69.8
GE	12000	41.7	45.6	54.1	5હ•1	63.6	64.2	06.0	67.1	67.1	63.5	63.9	69.3	73.2
GE	10033	42.4	47.7	55.2	59.2	55.3	66.1	55.1	59.2	69.2	70.7	71.0	71.4	72.3
5£	9202	42.7	43.4	56.3	60.3	65.4	67.2	59.2	70.3	70.3	71.9	72.1	72.6	73.4
ŚĖ	8000	44.5	50.7	58.7	52.7	69.1	59.9	72.0	73.2	73.2	75.0	75.3	75.8	76.8
GE	7000	45.9	52.1	60.1	54.1	70.6	71.3	73.4	74.7	74.7	76.4	76.4	77.2	79.2
ĞΕ	6000	45.4	52.7	60.7	54.7	71.1	71.9	74.0	75.2	75.2	77.0	77.3	77.8	75.8
Ğë	5000	47.9	54.3	52.0	65.5	73.0	73.8	76.0	77.3	77.3	79.1	79.4	79.9	80.9
35	4520	44.2	55.0	53.2	57.5	74.0	74.5	77.0	73.3	78.3	30.1	90.4 90.4	30.9	21.7
GF.	4000	50.1	57.3	55.7	70.0	75.4	77.2	79.5	80.9	80.9	52.7	93.0	93.4	94.4
SE.	3500	51.1	58.3	56.3	71.3	79.3	79.1	91.7	93.0	93.0	94.8	85.1	95.6	P6.6
GE	3000	51.6	58.3	67.3	71.9	73.9	79.7	82.4	33.3	83.8	85.7	56.0	36.4	87.4
O.	3000	21.0	2000	9119	1 4 4 7	1.7.7	17.1	C Z • 7	09.0	03.0	0,7•1	30+0	30.4	57.4
GE	2500	52.4	59.8	68.5	73.4	30.9	□1.7	84.7	86.0	86.0	87.9	88.2	39.7	89.7
GΕ	2000	53.4	40.9	70.3	75.4	83.2	84.0	87.0	99.3	98.3	30.2	90.5	91.0	92.0
3E	1800	53.3	51.2	70.7	75.3	83.5	94.3	27.3	98.7	88.7	90.6	90.9	91.3	92.3
3°	1500	54.5	52.0	71.4	76.7	84.9	95.7	88.7	90.0	90.0	91.9	92.2	92.7	93.7
GE	1200	54.3	52.4	71.9	77.3	85.8	36 . व	89.8	91.1	91.2	93.1	93.4	93.9	94.9
GE	1000	54.4	52.4	72.0	77.4	35.9	36.9	90.0	91.3	91.4	93.3	93.7	94.1	95 • 1
3F	900	54.3	42.4	72.3	77.4	35.0	87.0	90.1	91.6	21.3	93.A	94.1	94.6	95.7
ĠĘ.	300	55.0	52.7	72.4	77.9	85.4	97.4	90.8	92.3	92.7	94.6	95.0	95.4	95.5
GE	760	55.0	62.7	72.4	78.0	85.7	97.7	91.0	32.6	92.9	94.8	95.2	95.7	95.8
GE	600	55.0	62.7	72.6	78.3	87.0	88.0	91.3	93.0	93.3	95.3	95.9	26.4	97.6
GE	500	55.0	52 .7	72.5	78.3	37.0	88.0	91.4	93.2	93.6	95.5	95.1	90.7	97.8
ÇE.	400	55.0		72.5			88.0					95.2		97.9
GE	300	55.0	52.7 52.7	72.5	78.3 78.3	87.0 87.0	88.0	91.4	93.2 93.2	93.6 93.5	95.6 95.6	96.2	96.8 96.8	97.9
GE	200	55.0	62.7	72.6	78.3	87.0	88.0 88.0	91.4 91.4			95.6	96•2	96.8	97.9
GE	100	55.0	62.7	72.5	78.3	37.C	88.0	91.4	93.2 93.2	93.6 93.6	95.6	96.2	96.8	97.9
JE	100	2240	9211	12.0	10.3	37.0	na• u	71.44	7316	73.0	77.0	70.2	70.0	71.7
ĢĘ	000	55.0	52.7	72.6	78.3	37.0	88.0	91.4	93.2	93.6	95.6	96+2	96.8	97.9
	• • • • •	• • • • •						• • • • • •				• • • • • •		

TOTAL NUMBER OF DBSERVATIONS 900

	1=:	KENBACKE	R ANGS	JH		PERIOD MONTH:	OF RECE	DRD: M		FEB 88		
• • • • •	• • • • • •	VISIBILI	TY IN	STATHE	MILES	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
l .	SE	GE	GΞ	GE	GE	GF	GE	GE	GE	GE	GE	SE
[.	- 3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	c
									• • • • • •	• • • • • •		• • • • • •
	(0)					<i>(</i> • ,	. .				 .	
••?	50.4	61.1	62.9	54.0	64.0	65.4	65.8	56.1	66.9	66.9	67.2	67.4
7.7	63.1	63.3	65.6	56.7	66.7	68.1	63.4	58.9	69.8	69.8	70.1	70.6
7.7	53.1	53.8	65.6	55.7	56.7	68.1	68.4	68.9	69.8	59.8	70.1	70.6
7.7	53.1	63.8	65.5	55.7	55.7	58.1	68.4	58.9	69.8	69.9	70.1	70.6
⁷ .7	63.1	53.8	65.6	55.7	55.7	53.1	68.4	68.9	69.8	69.8	70.1	70.6
1.1	53.6	64.2	66.0	67.1	67.1	68.5	63.9	59.3	70.2	70.2	70.6	71.0
	55.3	66.1	55.1	59.2	69.2	70.7	71.0	71.4	72.3	72.3	72.7	73.1
. 3				72.3	70.3	71.8	72.1	72.6	73.4	73.4	73.8	74.2
7	55.4	67.2	59.2		73.2	75.0	75.3	75.8	76.8	76.9	77.2	77.7
. 1	59.1	59.9	72.0 73.4	73.2 74.7	74.7	76.4	76.8	77.2	73.2	78.3	78.7	79.1
	70.6	71.3								73.9	79.2	79.7
••7	71.1	71.9	74.0	75.2	75.2	77.0	77.3	77.8	73.8	13.7	17.2	17.1
	73.0	73.8	76.0	77.3	77.3	79.1	79.4	79.9	80.9	31.0	31.3	81.8
1.5	74.0	74.5	77.0	73.3	78.3	80.1	80.4	30.9	R1.9	82.0	82.3	82.3
N. J	75.4	77.2	79.5	80.9	80.9	52.7	93.0	83.4	84.4	94.5	34.9	85.3
3	73.3	79.1	91.7	83.0	33.0	84.3	85.1	85.6	86.6	86.7	87.0	87.4
i . 4	73.9	79.7	62.4	83.8	83.8	85.7	36.0	86.4	87.4	87.6	87.9	88.3
4	90.9	81.7	84.7	86.0	86.0	87.9	88.2	39.7	89.7	39.9	90.1	90.6
	33.2	84.0	97.0	88.3	88.3	90.2	90.5	91.0	92.0	92.1	92.4	92.9
	83.5	94.3	87.3	98.7	88.7	90.6	90.9	91.3	92.3	92.4	92.8	93.2
, ,	34.9	85.7	88.7	90.0	90.0	91.9	92.2	92.7	93.7	93.9	94.1	94.6
7.5	35.8	35.A	89.8	91.1	91.2	93.1	93.4	93.9	94.9	95.0	95.4	95.9
,	99.0	30.4	07.0	21.1	71.02	73.1	7.3 6 4	7.7 7	77.7	,,,,	73.4	7,5 4 7
7.4	35.9	36.9	90.0	91.3	91.4	93.3	93.7	94.1	95.1	95.2	95.7	96.1
7.4	35.0	37.0	90.1	91.6	91.9	93.8	94.1	94.6	95 .7	95.8	76.2	96.8
7.4	35.4	97.4	90.8	92.3	92.7	94.6	95.0	95.4	96.6	96.7	97.1	97.7
•)	35.7	97.7	91.0	92.6	92.9	94.8	95.2	95.7	96+8	96.9	97.3	97.9
• 3	37.0	88.0	91.3	93.0	93.3	95.3	95.9	96.4	97.6	97.7	98.1	96.7
	37.0	88.0	91.4	93.2	93.6	95.5	95.1	96.7	97.8	97.9	98.4	99.0
3	37.0	88.0	91.4	93.2	93.6	95.6	96.2	96.8	97.9	98.0	98.6	99.1
	47.0	88.0	91.4	93.2	93.5	95.6	96.2	96.8	97.9	99.0	99.7	99.3
3	87.0	88.0	91.4	93.2	93.6	95.6	96.2	96.8	97.9	98.1	99.0	99.7
. 3	37.0	88.0	91.4	93.2	93.6	95.6	96.2	96.8	97.9	98.2	99.2	99.9
	27.6	00.0				25.		2/ 5		00.0	0.1.0	
• 3	37.0	88.0	91.4	93.2	93.6	95.6	96.2	96.8	97.9	98.2	94.2	100.0
						· • • • • • •		· ·				

OPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISITED FROM HOUPLY DBSERVATIONS

			LST	to utc:	; + 5	KENBÄCKE				*HTMOM	SEP	ECORD: 1 HOURS:	96-(
	•••••	• • • • • • •		• • • • • •		VISIBILI				• • • • • • •	• • • • • •	• • • • • • •	• • • • •
CEILING IN	ą.e	3=	3F		SE	GE A12191CI	CIV IN 1	STATUTE	GE WITE2	G .	GE	GE	ſ
EFFT	7	· , ·· · 5	ა <u>≻</u> 5	0 t 4	3		9 E 2		1 1/4		3/4	-	1.
•			-			2 172						979	1,
	, • • • • • •		•••••	,	,	•••••	•••••	•••••	• • • • • • •	,	•••••	•••••	••••
NO CEIL	26.7	30.8	34.7	40.1	44.3	46.1	49.0	51.2	52.4	54.3	56.1	56.4	51
GE 20000	20.0	32.4	35.5	42.2	47.1	47.4	52.6	54.9	55.5	58.5	60.3	3 50.7	61
GE 18000	29.1	32.6	36.7	42.3	47.2	49.6	52.7	55.0	55.7	53.7	60.4	60.5	-
95 16000	29 • t	32.6	35.7	42.3	47.2	49.6	52.7	55.0	56.7	58.7	50.4		
GE 14000		32.6	36.7	42.3	47.2	49.6	52.7	55.0	56.7	59.7	60.4	60.8	61
GE 12000	28.3	33.3	37∙8	43.6	43.8	51.3	54.4	56. 8	58.4	60.4	62.2	2 62.6	63
SE 10000		34.4	39.0	44.9	50.5	53.2	55.7	59.0	50.7	62 . 3	64.6	5 54.9	66
ვი ფიეე	• •	35.2	40.0	45.7	51.6	54.2	57.7	50.0	51.7	63.4	65.5	55.9	6.7
SE 3000		37.8	43.0	48.9	54.9	57.3	61.5	54.0	55.7	68.0	70.0	79.3	71
GE 7000		38.1	43.3	49.3	55.6	58.4	62.6	55.0	66.7	69.0	71.0		
GE 6000	32.9	33.6	43.5	49.8	55.0	59.0	63.3	65.8	67.4	69.8	71.5	72.1	. 73
GE 5000		30,0	45.1	51.5	53.0	61.0	65.3	57.9	59.6	72.0	74.1	-	
GE 4500		40.7	45.0	52.4	53.9	61.9	50.2	53.8	70.4	72.3	75.2		
3E 4000	-	41.5	47.0	53.8	67.4	63.4	67.8	70.3	72.1	74.6	77.0		
GE 3500		42.7	48.3	55.3	62.4	65.6	70.0	72.5	74.3	75.a	79.2		
GE 3000	37.3	44.0	49.7	56.7	64.0	57.2	72.1	74.7	76.4	7 8.9	31.3	3 81.7	, ₈ 5
ე⊑ 25 <u>ე</u> ე		44.0	50.5	57.3	55.4	63.7	73.7	76.2	79.0	80.4	82.9	93.2	
SE 2000		46.3	52.1	59.5	67.8	71.0	76.1	73.7	30.4	92.9	95.3	3 35.8	P.7
SE 1800		45.4	52.2	59.7	68.0	71.2	75.3	73.9	80.7	A3.1	85.6	5 85.0	87
GE 1500		47.2	53.2	60.9	59.7	72.9	78.2	30.9	82.7	85.3	88.0	38.4	89
GE 1200	40.3	47.3	53.4	61.1	70.0	73.4	78.8	81.6	83.3	85.0	89.0	39.4	90
SE 1000		47.4	53.3	41.4	77.3	73.9	79.2	82.6	34.4	87.2	90.3	3 90.9	
GF 900	-	47.4	53.3	61.6	70.5	74.1	79.6	93.0	34.9	37.7	90.9		9.2
SE 300		47.4	53.8	61.5	70.7	74.2	79.7	83.1	85.0	87.9	91.1		
GE 700	40.5	47.5	54.0	61.8	71.1	74.7	80.1	83.7	85.5	88.4	91.7		
GE 600	40.6	47.5	54.0	61.8	71.1	74.7	80.1	83.7	85.5	85.4	91.7	7 92.1	. 93
35 500	40.5	67.5	54.0	61.3	71.4	75.0	80.3	84.3	96.2	39.1	92.4	92.9	94
GF 400		47.5	54.)	51.9	71.7	75.2	81.0	34.7	46.5	89.6	93.0		
GE 300		47.6	54.9	51.9	71.7	75.2	81.0	94.7	85.5	89.6	93.1	93.6	
GE 200		47.6	54.0	61.9	71.7	75.2	81.0	34.7	86.6	89.6	93.1		95
GE 100	40.5	47.6	54.0	61.9	71.7	75.2	81.0	84.8	86.7	89.7	93.2	2 93.8	95
GF 000	40.5	47.5	54.0	61.9	71.7	75.2	81.0	84.9	96.7	99.7	93.2	2 93.8	95

TOTAL NUMBER OF OBSERVATIONS 900

•	15: 31C : + 5	KENBÄCKE	ER ANGS	ÐН			SEP	ORD: M HOURS:	-	FEB 88		
• • • •	• • • • • •	VISIBILI	ITY IN		MTLES	• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •	•••••
ţ.	SE	GE	GE.	SE.	65	GE	GE	SE	GE	GE	GE	GE
	3		2	-	1 1/4	1		5/8	1/2	3/8	1/4	0
[• • • • • • • •	• • • • •	• • • • • •
.						.						
.1	44.3	46.1	49.0	51.2	52.4	54.3	56.1	56.4	57.4	57.6	58.8	59.8
٠,	47.1	49.4	52.6	54.9	56.6	58.6	60.3	60.7	61.7	61.8	63.1	64.2
3	47.2	49.5	52.7	55.0	56.7	58.7	60.4	60.9	61.8	61.9	63.2	64.3
.3	47.2	49.6	52.7	55.0	56.7	58.7	50.4	60.3	61.8	61.9	63.2	64.3
1.3	47.2	49.6	52.7	55.0	56.7	58.7	60.4	60.8	61.8	61.9	63.2	64.3
	43.8	51.3	54.4	56.8	58.4	60.4	62.2	62.6	63.6	63.7	55.0	66.1
1			. •									
. ,	57.5	53.2	55.7	59.0	50.7	62.8	64.6	54.9	66.0	66.1	67.4	68.6
1.7	51.6	54.2	57.7	50.0	51.7	63.8	65.6	65.9	67.0	67.1	68.4	59.5
.)	54.9	57.3	61.5	54.0	65.7	68.0	70.0	70.3	71.4	71.6	72.9	74.0
د .	55.0	58.4	62.6	55.0	66 .7	69.0	71.0	71.3	72.4	72.6	73.9	75.0
Į	55.0	59.0	63.3	65.8	67.4	69.8	71.5	72.1	73.2	73.3	74.7	75.8
1.5	53.0	51.0	65.3	57.9	59.6	72.0	74.1	74.4	75.6	75.7	77.0	78.1
1. •	53.9	51.9	56.2	53.8	70.4	72.9	75.2	75.6	76.8	76.9	78.2	79.3
1.	53.4	63.4	67.8	70.3	72.1	74.6	77.0	77.3	78.5	78.7	30.0	81.1
. 3	52.4	65.6	70.0	72.5	74.3	76.8	79.2	79.6	80.8	30.9	32.2	83.3
1.7	54.0	57.2	72.1	74.7	76.4	78.9	81.3	81.7	82.9	83.0	84.4	85.7
1	55.4	63.7	73.7	76.2	79.0	80.4	82.9	83.2	24.4	34.5	36.0	87.2
,	57.8	71.0	75.1	73.7	30.4	32.9	95.3	85.8	87.0	87.1	88.6	89.8
1.7	58.0	71.2	75.3	74.9	80.7	83.1	85.6	86.0	87.2	87.3	88.8	90.0
]	59.7	72.9	78.2	80.9	32.7	85.3	88.0	88.4	89.8	89.9	91.3	92.6
]. 1	73.0	73.4	78.3	81.6	83.3	85.0	89.0	89.4	90.9	91.0	92.4	93.7
	70.3	73.9	79.2	82.6	34.4	87.2	90.3	90.9	92.2	92.3	93.9	95.0
1.	72.5	74.1	79.6	93.0	34.9	97.7	90.9	91.3	92.8	93.0	94.4	95.7
1.5	70.7	74.2	79.7	83.1	85.0	87.9	91.1	91.6	93.0	93.2	94.7	95.9
4.	71.1	74.7	80.1	83.7	85.6	88.4	91.7	92.1	93.6	93.8	95.2	96.4
† '	71.1	74.7	80.1	83.7	85.5	86.4	91.7	92.1	93.7	93.9	95.3	96.6
	71.4	75.0	80.8	34.3	35.2	39.1	92.4	92.9	94.4	94.7	96.1	97.4
≰; ;	71.7	75.2	81.0	34.7	36.5	89.6	93.0	93.4	95.0	95.2	96.7	98.0
4	71.7	75.2	81.0	94.7	86.5	89.6	93.1	93.6	95.3	95.6	97.0	98.4
3	71.7	75.2	81.0	34.7	86.6	89.6	93.1	93.6	95.6	95.8	97.4	99.0
9 9	71.7	75.2	81.0	84.8	86.7	89.7	93.2	93.8	95.9	96.3	98.0	100.0
,	71.7	75.2	81.0	84.8	36.7	29.7	93.2	93.8	95.9	96.3	98.0	100.0
•} • • •												• • • • • •

UPERATING LOCATION MAM USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL FROM HOURLY OBSERVATIONS

ST	NOITA	NUMPER:	724295		AR RELT		KENBACKE	R ANGB	3 H		PERIOD MONTH:		CARD: M. HJURS:	
CE	ILING	•••••	• • • • • • • •	•••••	• • • • • •	• • • • • • •	VISTRIII	TY IN	STATUTE		• • • • • •	• • • • • •	• • • • • • •	••••
	IN	g u	G.C	GE	GE	36	GF	GE	GE	GE	GF	GE	G=	GΕ
E	ECT	7	5	5	4	3	2 1/2	2	1 1/2		ı	3/4	5/3	1/2
• • •			• • • • • • •									• • • • • •		
NΩ	CEIL	38.0	42.9	47.0	50.0	51.9	53 .7	55.1	55.6	55.7	55.9	56.1	56.2	56∙3
GE	20000	40.7	40.5	51.4	54.9	55.9	53.8	60.4	50.9	51.0	61.3	61.6	61.7	61.8
35	19000	41.3	46.9	51.3	55.2	57.2	59.1	50.9	51.2	51.3	51.7	61.9	62.0	62.1
GE	16000	41.0	45.9	51.3	55.2	57.2	59.1	50.3	61.2	61.3	61.7	51.9	62.0	62.1
C, E	14000	41.1	47.0	51.9	55.3	57.3	59.2	67.9	61.3	61.4	51.8	52.9	52.1	62.2
GE	12000	41.7	48.0	53.1	56.6	53.8	50.7	62.3	62.8	62.9	63.2	53.4	63.6	55.7
G-	10000	42.9	49.4	54.9	58.4	50.7	52.6	54.3	64.3	54.9	65.2	65.4	55.6	55.7
35	9000		51.0	55.5	60.2	52.4	54.3	66.1	55.6	65.7	57.0	57.2	67.3	67.4
GE	8000		44.8	50.9	54.8	67.3	69.3	71.1	71.5	71.7	72.0	72.7	72.3	72.4
ĢE	7000		55.8	52.1	56.1	68.7	70.7	72.6	73.0	73.1	73.4	73.7	73.8	73.9
GĒ	6000		55.9	62.3	65.3	68.9	70.9	72.3	73.2	73.3	73.7	73.9	74.0	74.1
SE	5000	47.0	55.5	53.7	67.3	70.5	72.6	74.4	75.0	75.1	75.4	75.7	75.3	75. 9
GE	4500		57.2	54.1	58.2	71.0	73.0	74.9	75.4	75.6	75.9	75.1	76.3	
3€ 3€	4000		59 .7	55.7	52.3	72.9	75.0	75.9	77.4	77.7	78.0	78.2	73.4	76.4 73.6
ĢĘ	3500		50.8	58.0	72.5	76.0	78.1	80.0	80.5	30.6	31.1	91.3	81.6	
GE	3000		52.4	70.0	74.8	73.3	30.4	82.4	83.0	83.2	83.0	53.6	34.0	81.7
31,	3900	73•1	36.47	10.0	140	10.5	90.4	32.47	2000	33.6	23.0	73.5	-94 • U	34.1
υĒ	2500	54.2	53.7	71.2	76.2	79.3	81.9	54.0	34.5	84.8	85.1	55.3	85.6	85.7
کر	2000	55.7	55.1	73.1	79.2	92.1	84.3	85.6	37.1	37.4	A7.8	ଜନ୍- ଓ	98.2	99.4
G E	1800	55.3	55.2	73.2	78.3	92.3	84.5	25.8	87.3	37.7	88.0	63.5	88.4	88.7
GF	1500		66.7	74.9	30.0	84.2	86.6	83.9	39.4	89,8	90.1	90.3	90.6	90.8
űΕ	1200	58.2	57.9	76.2	81.3	35.1	88.7	91.1	91.7	92.1	92.4	32 .7	92.9	93.1
GΞ	1000	58.3	53.J	76.4	91.7	86.9	99.6	92.0	92.8	93.2	93.6	93.3	94.0	94.2
35	900		68.1	75.6	81.8	37.0	89.9	92.3	93.6	94.0	94.3	94.6	94 A	95.0
SE	900		53.1	75.8	82.1	87.4	90.6	93.2	94.4	94.9	95.2	95.4	95.7	95.0
GE	700		68.3	77.1	92.4	89.3	91.4	94.1	25.3	25.8	96.1	96.4	96.7	97.0
GE	600		58.3	77.2	82.7	83.6	91.9	94.7	96.2	95.7	97.0	97.3	97.0	97.9
,	÷ 13.0	5 · ·		22)	22 7	2.2.3	0.2 0		24	0.7. 0	07.	03.	0.5.0	0.1.
GE SF	500		53.3	77.2	82.7	33.7	92.0	94.9	96.5	97.0	97.4	97.3	98.0	94.4
35	400 300		53 · 3	77.2	32.7	33.2	92.1	95.1	97.0	97.6 97.6	98.1	98.5	98.9	99.2
			48.3 49.3	77.2	92.7	88.8	92.1	95.1	97.0	97.5	98.2	98.3	99.0	99.6
GE	200 100		გგ.3 გგ.3	77.2 77.2	82.7	88.d	92.1	95.1	97.0	97.6	98.2	98.8	99.0	99.6
O E	130	20.4	90.3	11.2	82.7	38.3	92.1	95.1	97.0	97.6	98.2	98.8	99.0	99.6
35	000	50.4	58.3	77.2	92.7	33.8	92.1	95.1	97.0	37.6	99.2	98.8	99.0	99.5
• • •								• • • • •	• • • • • • •			• • • • • •		

TOTAL NUMBER OF DASERVATIONS 900

•	• • • • • •	• • • • • •		T-U - E-A-	STATUTE	4 5 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
	GE		GE	GE	GE	GE	GE	GE	Ge	GΕ	GE	GE	GE
	4	3	2 1/2	2			1	3/4	5/8	1/2		1/4	0
• •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
	50.0	51.9	53.7	55.1	55.6	55.7	55.9	56.1	56.2	56.3	56.3	55.4	56.6
	54.9	56.9	58.8	60.4	50.9	61.0	61.3	61.6	61.7	61.8	61.9	51.9	62.0
	55.2	57.2	59.1	50.3	51.2	51.3	61.7	61.9	62.0	62.1	62.1	62.2	62.3
	2•כר	57.2	59.1	60.3	61.2	61.3	61.7	61.9	62.0	62.1	62.1	62.2	62.3
	55.3	57.3	59.2	60.9	61.3	61.4	61.8	62.0	62.1	62.2	62.2	62.3	62.4
	56.6	53.8	50.7	62.3	62.8	62.9	63.2	63.4	63.6	63.7	63.7	63.8	63.9
	58.4	50.7	52.6	54.3	64.8	64.9	65.2	65.4	65.6	65.7	65.7	65.8	65.9
	50.2	52.4	64.3	56.1	65.6	66.7	67.0	67.2	67.3	67.4	67.4	57.6	67.7
	54.8	67.3	69.3	71.1	71.6	71.7	72.0	72.2	72.3	72.4	72.4	72.5	72.7
	56.I	68.7	70.7	72.6	73.0	73.1	73.4	73.7	73.8	73.9	73.9	74.0	74.1
	65.3	68.9	70.9	72.3	73.2	73.3	73.7	73.9	74.0	74.1	74.1	74.2	74.3
	57.3	70.5	72.6	74.4	75.0	75.1	75.4	75.7	75.8	75.9	75.9	76.0	76.1
	54.2	71.0	73.0	74.9	75.4	75.6	75.9	76.1	76.3	76.4	76.4	76.6	76.7
	52.9	72.9	75.0	75.9	77.4	77.7	78.0	78.2	78.4	78.6	78.6	78.7	78.9
	72.5	75.0	78.1	30.0	80.6	80.8	31.1	81.3	81.6	81.7	91.7	81.8	81.9
	74.8	73.3	80.4	92.4	83.0	83.2	83.6	83.8	84.0	84.1	84.1	84.2	84.3
	15.2	79.3	81.9	54.0	34.5	84.8	85.1	85.3	85.6	85 .7	85.7	85.8	85.9
	74.2	82.1	84.3	85.5	37.1	37.4	87.8	99.0	88.2	88.4	98.4	88.6	58.7
	79.3	82.3	84.5	85.8	87.3	37.7	38.0	88.2	88.4	89.7	88.7	88.8	88.9
	30.0	84.2	86.6	83.9	99.4	89.8	90.1	90.3	90.6	90.8	90.8	90.9	91.0
	31.3	36.1	88.7	91.1	91.7	92.1	92.4	92.7	92.9	93.1	93.1	93.2	93.3
	31.7	36.9	99.6	92.0	92.8	93.2	93.6	93.8	94.0	94.2	94.2	94.3	94.4
	11.5	37.0	89.9	92.3	93.6	94.0	94.3	94.6	94.8	95.0	95.0	95.1	95.2
	12.1	87.4	90.6	93.2	94.4	94.9	95.2	95.4	95.7	96.0	96.0	96.1	96.2
	c 2 . 4	89.3	91.4	94.1	95.3	95.8	96.1	96.4	96.7	97.0	97.0	97.1	97.2
	82 .7	88.6	91.9	94.7	96.2	96.7	97.0	97.3	97.6	97.9	97.9	98.0	98.1
	92.7	33.7	92.0	94.9	96.5	97.0	97.4	97.8	98.0	99.4	98.4	98.6	98.7
	32.7	33.B	92.1	95.1	97.0	97.6	98.1	98.6	98.8	99.2	99.2	99.3	99.4
	92.7	89.8	92.1	95.1	97.0	97.5	98.2	98.3	99.0	99.6	99.6	99.7	99.8
	32.7	88.d	92.1		97.0	97.6	98.2	98.8	99.0	99.6	99.6	99.7	99.8
	32.7	88.8	92.1	95.1	97.0	97.6	95.2	98.8	99.0	99.6	99.8	99.9	100.0
	32 . 7	33.9	92.1	95.1	97.0	97.6	98.2	98. A	99.0	99.6	99.8	99.9	100.0

t

Y

43 6

94. 94. 97.

94. 97. 99. 99. BPERATING LUCATION "A" USAFFTAC, ASHEVILLE NO

PERCENTAGE FREDUENCY OF OCCURRENCE OF CEILING VERSUS VISI FROM HOURLY CASCRVATIONS

ST	ATION N			LST	TO UTC	: + 5	KENBACKE				MONTH:	SEP	CUKD: "	
0E	ILI4G	,	• • • • • • •	• • • • • • •	• • • • • •		VISIBILI				• • • • • • •	• • • • • •	• • • • • •	• • • • • •
	ILING IN	95	Ģ=	5 5	GΕ	GE 1	GE 0E	LIY IN : Së	STATUTE	GE GE	GΕ	ĞĘ	GE	. '
-	114 EST	7	5	, T 5	4	3.	2 1/2			1 1/4		3/4	5 7 8	1.
-		• • • • • • •												
NO	CEIL	45.3	49.7	51.2	52.9	53,2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	5.
GE	20000	51.3	54.9	56.5	58.7	59.1	59.7	59.7	53.7	59.7	59.7	59.7	59.7	e _i :
	13000	51.4	55.0	56.7	58.3	59.2	59.8	59.3	ราส	59.9	59.4	50.4	•	
	15000	51.4	55.0	55.7	58.9	59.2	59.8	59.8	59.8	59.A	50 p	59.8	• .	
	14000	51.9	55.4	57.1	59.2	59.7	60.2	60.2	50.2	60.2	60.2	60.2	60.2	
GE	12000	52.3	55.9	57.6	59.7	60.1	60.7	60.7	50.7	60.7	60.7	60.7	60.7	60
	10000	54.3	53.0	40,1	52.2	62.7	53.2	63.2	53.2	63.2	63.2	63.2	53.2	5:
35	9000	55.7	59.4	51.5	53.7	64.1	54.7	54.7	54.7	54.7	54.7	64.7		
GE	8000	5° . 5	52.7	55.7	67.1	57.6	68.1	63.1	68.1	69.1	58 • 1	58.1	58.1	61
GE	7000	57.0	53.1	55 ₊ 3	57.9	68.3	68.9	65.9	68.9	63.9	68.9	60.9		
GE	6000	59.1	53.2	65.9	6d.0	68.4	59.0	69.0	69.0	69.0	69.0	69.0	69.0	69
GE	5000	63.3	54.4	57.1	59.2	69.7	70.2	70.2	70.2	79.2	70.2	70.2		7^
SE	4500	61.7	56.0	59.7	71.0	71.4	72.1	72.1	72.1	72.1	72.1	72.1		
SE	4000	55.9	77.9	73.5	75.9	75.4	77.1	77.2	77.3	77.3	77.3	77.3		
ĢE	3500	58.3	74.9	74.1	30.9	31.4	82.1	32.4	32.5	82.6	82.5	82.6		
GE	3000	74.1	40.3	34.3	37.3	38.1	93 . 8	89.1	39.2	89.2	89.2	89.2	89.2	83
35	25.00	75.2	93.0	37.4	90.7	21.4	92.1	92.4	92.6	22.6	92.6	92.5		_
ק ה ק ה	გეეე	77.3	35.0	99.0	25•3	23.0	93.7	24.2	34.3	94.3	94.3	94.3		
GE	1900	77.0	95.5	39.5	92.3	93.5	94.2	94.9	94.9	74.9	04.9	94.9	-	
GE CC	1500	73.9	35.7	90.9	94.2	95.1	95.8	96.3	95.4	96.4	96.4	96.4		
GE	1200	79.3	37.5	92.1	95.6	90.6	97.4	98.1	98.2	98.2	98.2	98.2	98.2	9.8
gr	1000	30.0	13.1	92.4	95.9	97.0	97.9	93.5	28.7	38.7	वह.स	୩୫.୫		
9.E	903	20.0	78.1	37.4	96.0	97.3	98.2	99.0	97.1	99.1	99.2	99.2		
GE	800	80.0	98.1	92.4	76.3	97.3	38.2	99.3	99.1	99.1	99.2	99.2		
5 E	700	80.0	ರಿದ.1	92.4	96.2	97.7	93.6	99.3	99.4	99.4	99.5	99.6		
SE	600	ಕ೦.೦	38.1	92.4	96.2	97.7	98.7	99.6	99.7	99.7	99.9	100.0	100.0	100
٦٢	500	<u>୩୯ - ୯</u>	3 3 . 1	92.4	96.2	97.7	98.7	99.5	99.7	39.7	99,9	100.0		
gr ac	400	87.7	?3•1	92.4	76.2	97.7	98.7	99.5	99.7	79.7	99,9	100.0		_
35	300	50.0	3.1	92.4	96.2	97.7	98.7	99.6	99.7	99.7	99.9	100.0		
GE	200	30.0	33.1	92.4	95.2	97.7	98.7	99.6	99.7	99.7	99.9	100.0		
GE	100	83.0	33.1	92.4	96.2	97.7	98.7	99.6	99.7	99.7	99.9	100.0	100.0	100
G.E	222	80.0	88.1	92.4	36.2	97.7	98.7	99.6	90.7	99.7	79.9	100.0	100.0	100
										• • • • • • •	• • • • • • •		•••••	

TOTAL NUMBER OF OBSERVATIONS 200

- E	TINA MAN TUUTC:	+ 5	CKENBACKE	R ANGB	рн		PERIOD MONTH:		ORD: M HOURS:		FEB 88		
	r · · · · · · · ·		VISIBILI	TV IN	STATHE	MILES	• • • • • •	• • • • • • •	•••••	•••••		• • • • • • •	• • • • • •
4	35	SE	GE	GE	3121316	GF	GE	GE	GΕ	GE	G.F	GE	GE.
	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0.
ال ا	l				1 1/2	1 1/4		37.4	370	1/2	370	1/4	9
111					•••••			•••••	• • • • • • •			• • • • • • • •	•••••
, ,	52.7	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
F	37	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59 .7	59.7
1 -	9 3	54.2	59.8	59.3	52.8	59.9	59.9	59.8	59.3	59.3	59.9	59.3	59.3
1 6	58.3	59.2	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
.}	59.2	59.7	60.2	60.2	50.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
. 2	51.7	50.1	50.7	60.7	50.7	60.7	60.7	60.7	60.7	60.7	50.7	50.7	60.7
}		33.1	30.1	0017	3011	3041	30 • 1	00.1	30.1	00.7	30.1	30.7	00.7
		52.7	53.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	53.2	63.2
4	-3.7	54.1	54.7	54.7	54.7	54.7	54.7	64.7	54.7	64.7	54.7	54.7	54.7
٤.	57.1	57.6	68.1	68.1	68.1	68.1	58.1	58.1	68.1	68.1	68.1	68.1	68.1
- 4	57.9	69.3	63.9	65.9	68.9		68.9	68.9	68.9	63.9	53.9	68.9	68.9
1	63.0	68.4	59.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
1			3,40	3,40	.,,,,,	3740	0,.0	37.0	0,10	0,.0	0,.0	0,,0	07.0
	1, 1, 2	51.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
2	71.0	71.4	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
7	75.7	75.4	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
- 1	33.9	31.4	32.1	32.4	32.6	82.6	82.5	82.6	32.6	82.6	32.6	82.6	82.6
	7.3	99.1	83.8	89.1	39.2	39.2	89.2	39.2	89.2	89.2	39.2	89.2	89.2
		3702		,,,,	,,,.	.,,,,,	07.62	0,42	5742	07.02	J/• C	37.2	07.2
4	. 7	21.4	92.1	92.4	92.5	92.6	92.6	92.5	92.6	92.6	92.5	92.5	92.5
- 4	27.0	93.0	93.7	24.2	74.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
- 4	22.3	93.5	94.2	94.9	94.9	24.9	04.9	94.9	94.9	94.9	94.9	94.9	94.9
. (14.2	95.1	95.8	95.3	95.4	96.4	90.4	96.4	96.4	95.4	95.4	96.4	96.4
, [15.5	75.6	77.4	90.1	23.2	29.2	98.2	93.2	98.2	98.2	98.2	98.2	98.2
3							· ·	-	-				
,1	5 C	47.0	97.9	93.5	73.7	98.7	98.8	98.8	98. H	95.8	98.8	48.8	98.2
2	··· •)	97.3	98.2	99.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	96.0	97.3	98.2	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
9	15.2	97.7	93.6	99.3	39.4	99.4	99.6	99.6	99.6	99.6	99.6	99.5	99.6
104	35.2	97.7	33.7	49.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
•												•	
10	24 ?	97.7	98.7	99.5	99.7	79.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
1 ^	75.2	97.7	98.7	99.5	99.7	79.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
103	95.2	97.7	99.7	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
10	25.2	97.7	98.7	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
103	15.2	37.7	98.7	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
1								•	-				200.0
104	34.2	97.7	98.7	99.6	97.7	99.7	79.9	100.0	100.0	100.0	100.0	100.0	100.0
• • • -		• • • • •	• • • • • • •										

OPERATING EMEATION MAM

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS (

•			734285	LST	1.) UTC	+ 5	KENBACKE				#59100 #0414:	_	. HOURS: 1
		• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •						• • • • • • •	• • • • • •	• • • • • •
	LING								STATUTE				
-	\ ;	J. t.	.,			95		S.E.	SF	•	35		9 .
	ΈŢ	7	٠,	5		3	2 1/2		1 1/?			3/4	5/0
• • •	••••	• • • • • • •	• • • • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •
NO	CEIL	50.1	51.3	53.1	54.0	54.3	54.3	54.0	54.5	54.5	54.5	54.5	54.5
GΞ	20000	55.7	57.2	59.1	50.2	50.5	60.6	50.5	50.3	6J. 4	50.5	5).5	5). 3
ďα	1300)	€ ₹ • ¬	57.3	59.2	50.3	57.7	50.7	20.3	57.º	51.0	60.4	50.9	47.7
SE	15000	55.3	57.3	59.2	50.3	67.7	50.7	50.9	57.9	50.9	50.0	57.7	50.0
3F	14000	55.3	57.4	59.3	5C • 4	67.8	60.3	51.0	51.0	51.0	61.0	51.0	51.0
GE	12000	56.2	57.9	59∙ ৪	60.9	51.2	51.2	51.4	51.4	51.4	61.4	51.4	51.4
6.5	10000	53.4	5J.5	52.4	63.0	53.9	63.9	54.1	54.1	54.1	54.1	64.1	64.1
ĢĒ	9333		42.4	54.3	65.4	55.0	55.8	55.0	55.0	55.)	55.0	56.0	55.0
ģε	9000	-	57.3	59.5	70.7	71.0	71.3	71.2	71.2	71.2	71.2	71.2	71.2
ĢĒ	7000		57.9	70.2	71.3	71.7	71.7	71.7	71.0	71.9	71.3	71.9	71.2
GE	6000		53.:)	70.3	71.4	71.3	71.0	72.0	72.0	72.0	72.)	72.0	_
	63.00		, .	7.1	7 1		7	3 (3	, ,	2. 2	7 7	7, 7	2. 2
٠, .	5000		70.0	72.3	74.1	74.4	74.4	74.7	74.7	74.7	74.7	74.7	
Ç.C	4500		74.0	75.7	73.2	73.	75.3	73.)	70.0	70.0	71.0	73.9	
GF	4000		77.0	42.3	43.7	84.3	84.3	94.7	84.7	₹4.7	34.7	34.7	
3.5	3500		32.9	² 5•2	99.1	33.9	37.0	40.3	33.3	30.3	93.4	29.4	39.4
٥٠	3000	31.7	37.7	91.1	93.1	93.9	34.0	34.3	94.3	94.3	94.4	34.4	94.4
GE	2500	53.3	33.7	93•1	95.1	35.7	95.0	46.6	25.5	95.5	95.7	₹4.7	+5.7
35	2000	• •	90.5	04.0	95.1	95. P	97.O	97.5	97.6	97.5	77.7	97.7	77.7
3E	1400	34.5	39.9	94.3	76.4	97.2	97.3	97.9	97.9	97.9	98.0	98.0	48°J
SE	1500	24.7	91.7	74.7	36.4	97.7	97.3	93.4	73.4	30.4	99.6	94.6	94.5
GE	1500	34.9	91.2	94.0	95.9	97.3	93.0	98.7	98.7	93.7	9명. 리	93.4	93.€
GE	1000	35.2	11.5	95.1	97.3	98.2	79.4	34.1	29.1	97.1	99.2	99.2	99.2
35	200	_	31.6	75.1	97.3	23.2	94.4	29.1	99.1	99.1	39.2	04.2	43.5
ĢĒ	900		91.5	95.1	97.4	93.3	98.5	99.3	99.4	99.4	34.6	99.5	99.5
35	700		71.7	95.2	97.5	93.4	98.9	99.7	99.8	30.0	99.3	90.0	99.4
GE	500		91.7	95.2	97.6	93.4	95.8	99.7	99.3	99.4	99.9	99.9	99.9
GE	500	25.3	91.7	95.2	97.6	98.4	98.5	39.7	39. 3	99.3	99.9	93.9	34.7
35	400		91.7	95.2	77.5	99.4	90•9 98•3	99.7	99.9	97.3 99.3	99.9	99.3	
GE	300	•	71.7	95.2	97.5	93.4	98.8	99.7	99 A	99.9	99.9	99.9	99.9
J. G€	200		91.7	95.2	97.5	93.4	98.8	99.7	99.8	99.8	99.9	99.9	
GE	100		91.7				-	99.7	99.8	99.3	99.9	99.9	
UE	100	29.0	71.67	95.2	97.6	98.4	99.3	77.1	77.0	77.3	77.7	77.7	77.7
ĢF	000	95.3	91.7	95.2	97.5	93.4	96.3	99.7	99.8	99.3	39.9	99.9	39.9
• • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •

TOTAL NUMBER OF DRSEPVATIONS 900

	,	VISIBILI	TY IN	STATUTE	MILES							
35	9 5	GE	Ç.E	SE	Ç	SE	GΕ	GE	G-	GF	GE	G 9
4	3	2 1/2	.?	1 1/?	1 1/4	1	3/4	5/9	1/3	3/8	1/4	C
	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •	•••••	• • • • •
4.0	54.3	54.3	54.0	54.5	54.6	54.5	54.5	54.6	54.6	54.5	54.6	54.
) • <u>2</u>	50.5	50.5	20.2	÷0.3	60.B	50.3	ის. გ	60.3	8.06	50.8	50.8	60
.) • 3	53.7	50.7	20.5	20°6	50.3	60.9	60.9	57.7	50.9	50.9	50.9	50
·0.3	67.7	50.7	50.9	67.9	57.9	50.9	50.9	60.9	60.9	60.7	50.9	50.
5C • 4	67.5	60.3	51.0	51.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61
7.9	51.2	51.2	51.4	51.4	61.4	61.4	61.4	61.4	61.4	61.4	51.4	61
1 5 • D	51.9	53.9	54.1	54.1	54.1	54.1	64.1	64.1	64.1	64.1	54.1	64
S . 4	55.ª	55.4	55.0	55.0	55.)	55.0	66. T	56.0	66.0	65.0	55.0	55
70.7	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71
71.3	71.7	71.7	71.9	71.0	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71
71•→	71.5	71.3	15.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.9	72
71	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74
*****	73.4	74.3	77.)	77.0	77.7	79.0	79.7	79.3	73.0	79.7	77.0	73
3.7	34.3	24.3	94.7	84.7	44.7	34.7	34.7	44.7	84.7	44.7	34.7	94
1 .1	34.9	37.0	30.3	33.3	39.3	99.4	29.4	39.4	89.4	59.4	39.4	89
3.1	93.9	94.0	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94
·5 • 1	15.)	45.0	45.5	95.5	75.5	95.7	96.7	95.7	95.7	30.7	95.7	96
15.1	95.9	97.0	97.5	97.6	97.5	77.7	97.7	97.7	97.7	37.7	97.7	97
15.4	97.2	97.3	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.7	99.0	ая
1 +5 ⊕ ₹	77.7	77. 3	9 . 4	73.4	92.4	99.5	94.6	98.5	93.5	98.6	93.6	98
9.2 • 13	97.3	93.0	98.7	98 .7	93.7	9 म . न	9५.म	99.8	98.8	93.9	98.8	98
17.5	≱4.2	15.4	39.1	79.1	97.1	99.2	99.2	99.2	99.3	99.3	99.3	99
7.3	73.7	79.4	1. cc	03.1	93.1	33.2	99.2	99.2	93.3	93.3	99.3	99
7.4	93.3	98.5	99.3	99.4	99.4	39.6	99.5	99.5	99.7	99.7	99 .7	99
17.5	93.4	98 • B	99.7	99.9	30.0	03.3	93.9	99.9	100.0	100.0	100.0	100
7.5	73.4	95.8	99.7	99.8	97.8	99.9	99.9	99.9	100.0	100.0	100.0	100
7.	33.4	98.5	37.7	19.1	99.3	99.9	93.9	11.9	100.0	100.0	100.0	100
7.5	93.4	वस्. ३	97.7	33.0	34.4	39.9	00.0	90.0	100.0	100.0	100.7	100
7.5	93.4	93.3	99.7	99.A	39.4	99.9	94.4	99.9	100.0	100.9	100.0	100
7.5	93.4	98.8	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100
7.5	93.4	98.3	99.7	99.8	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100
7.5	93.4	96.3	99.7	99.8	99.3	າດ ດ	99.7	39.9	100.0	100.0	100.0	100

OPERATING LOCATION MAM USAFETAC, ASHEVILUE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VERSUS VERSUS TO SERVATIONS.

S T !	ATION N	ЮмаЕ3 :	724295	-	TO UTC	-	KENGACKE	R ANGB	DН		PERIOD MONTH:		1929: " HOURS:
0.00		• • • • • •	• • • • • • •	• • • • • •	• • • • • •			TV TN:			• • • • • • •	• • • • • • •	• • • • • •
	ILING IN	7.7	., -	SE	GE	35	GE GE	11 IN :	STATUTE : Se	GE	G F	SE	G¢
_	 ∃ 5 f	7	, ,	•= 5	4	3	2 1/2	2		1 1/4	1	3/4	5/?
												3/4	37:
•••								••••					
NO	CEIL	55.0	57.1	59.4	62.0	52.9	63.0	53.4	63.4	63.4	63.4	63.4	53.4
7,5	2000	51.3	53.0	56.2	58 . 3	57.7	69 . 8	70.2	70.2	70.2	70.2	70.2	70.2
7,0	19000	61.3	44.3	56.2	58.3	59.7	69.3	70.2	70.2	70.2	70.2	70.2	70.2
ĢF	15000	51.3	63.9	55.2	68.3	69.7	69.8	70.2	70.2	79.2	70.2	70.2	70.2
ŞΞ	1400)	51.3	53.9	66.2	65.3	59.7	59.8	70.2	70.2	70.2	70.2	70.2	70.2
GE	12000	51.3	54.3	67.2	67.7	70.3	70.9	71.3	71.3	71.3	71.3	71.3	71.3
35	10101	63.1	44.2	49.a	71.5	72.4	72.5	73.0	73.0	73.0	73.0	73.2	73.0
C, T	3990	67.7	47.2	77.3	72.3	73.7	73.3	74.2	74.2	74.2	74.2	74.3	14.2
35	8000	67.2	71.1	74.2	77.1	78.1	78.2	72.9	73.9	78.9	79.9	78.9	78.9
GE	7000	57.4	71.3	74.4	17.3	73.3	73.4	79.1	79.1	79.1	79.1	79.1	79.1
GE	6700	o∃•5	72.4	75.6	73.4	79.4	79.6	50.2	90.2	30.2	80.2	30.2	90.2
35	רוני	7~.,	74.2	77.3	30.2	31.6	81.7	92.3	32.3	32.3	32.3	82.3	52.3
٦, ٦	4577	7.3 • 4:	75.9	30.3	43.5	35.0	45.1	35.3	45.9	45.3	36.3	경투 , 저	경5. 영
35	4000	74.3	79.9	33.4	a7.2	87.0	89.1	89.3	धेवे•व	37.3	39.8	99.8	99.0
ĜΕ	3500	75.4	32.1	15.9	39.9	92.3	72.4	93.1	93.1	93.1	93.1	93.1	93.1
űŁ	3000	73.2	74.1	57.9	92.5	95.1	95•2	95.9	95.9	95.9	95.3	95.9	95.9
ţε	3500	70.1	25.1	49. 1	93.4	95.5	96.7	37.3	97.4	97.4	77.6	97.5	97.5
3.5	29.39	77.7	25.	3.7	34.4	97.3	97.4	94.1	29.2	98.2	າຄູ 3	વનું ર	99.3
3.5	1000	70.7	15.8	89.7	34.4	97.3	97.4	93.1	98.2	99.2	78.3	98.3	98.3
GE	1500	79.3	५५.५	39.0	94.7	97.7	97.A	98.6	98.7	93.7	95.4	98.3	98.8
GΕ	1390	79.3	35.9	99.5	94.3	97.3	98.0	98.3	99.1	99.1	97.2	99.2	93.2
7:	1000	79.1	56.n	an. 9	24.7	23.0	98.2	99.9	20.3	20.3	79.4	99.4	99.4
3.5	330	79.3	32.3	30.0	35.0	98.1	98.3	93.1	99.4	77.4	73.6	99.5	99.5
7,5	900	79.0	15. n	10.0	95.0	99.1	98.3	99.1	99.7	79.7	33°8	69 · i	99.4
ĢĒ	700	79.7	10.41	90.0	95.0	93.1	93.3	99.1	99.8	99.8	99.9	99.9	99.9
GE	500	79.9	··••	90.0	45.0	98.1	93.3	99.1	99.3	99.8	99.9	99.9	99.9
3 =	530	72.3	35.0	27.7	35.3	93.1	96.3	99.1	97.8	30.3	100.0	100.0	100.0
7,5	400	70.0	35•0	32.3	35.0	93.1	98.3	93.1	97.8	90.H	100.0	100.0	100.0
35	300	77.3	35.0	90.0	95.0	99.1	98.3	99.1	વંત• ધ	79.5	100.0	100.0	120.0
ĢΕ	5 00	73.9	35.)	30.0	95.0	23.1	98.3	99.1	99∙∂	99.5	100.0	100.0	100.0
GE	100	79.3	36.0	90.0	95.0	23.1	98.3	99.1	99•B	99.8	100.0	100.0	100.0
35	202	79.9	15.0	30.0	75.7	98.1	93.3	99.1	वत्रुःस्	30.0	100.0	100.0	100.0
• • •	• • • • • •	••••	• • • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • • •

CCC SMCITAVASSAC BU REEMUN JATUT

	# 5	CKENBAC	CKER AND	SB OH	•	PERIOD MONTH:		ORD: 4		FE8 88		
• •	• • • •	VISIR	LITY I	STATUTE	MILES	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	•••••
	3.5		35	SE	G.F	GE	GE	GE.	ĢE	SE	G F	GE
	3						3/4	5/8	1/2	3/3	1/4	0
	• • • •								• • • • • •	• • • • • •	• • • • • •	• • • • • •
	52 · S	63.0	53.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
	57.7	7 59.5	3 70.2	70.2	70.2	73.2	70.2	70.2	70.2	70.2	70.2	70.2
	59.7				70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
ŧ	59.7	7 69.9	3 70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
	59.7	7 59.5	3 70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
,	70.5	3 70.5	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
	72.4	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
•	73.				74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
	73.1				78.9	78.9	78.9	78.9	78.9	73.9	78.9	78.9
	73.				79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
,	73.4				80.2	80.2	30.2	80.2	80.2	80.2	90.2	80.2
	31.6				92.3	32.3	82.3	82.3	82.3	82.3	32.3	82.3
	35.0				35.3	95.8	35.8	85.8	85.8	35.3	35.8	85.8
,	97.0				39.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8
,	∋ 2.∃		_	_	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
	75.1	95•2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
	75.5	96.7	7 97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.5
,	77.				98.2	98.3	98.3	98.3	99.3	98.3	98.3	98.3
,	97.3				99.2	98.3	98.3	98.3	99.3	98.3	98.3	98.3
•	97.7	7 97.8	98.6	98.7	93.7	98.8	98.8	98.5	98.8	98.8	98.8	98.8
	97. :	98.0	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	33.0	98.2	2 99.0	99.3	39.3	39.4	99.4	99.4	99.4	22.4	99.4	99.4
	73.1				99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.5
i.	79.1				99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	93.1				99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1	98.1				99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	23.1				99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
į	73.1				99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
)	99.1				99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
li .	73.1				99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
;	23.1	98.3	3 99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ŧ	93.1	93.3	99.1	97.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	• • • •	• • • • • •		• • • • • • •	• • • • • • •				• • • • • • •	• • • • • •		• • • • •

USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBE FROM HOURLY OBSERVATIONS

ST	ATION N	шмяЕР:	724285		TO NOT	: + 5	KENBACKE				PERTOD MONTH:		CORD: '	4AP 75 21-21
PE 1	ILING	• • • • • •	• • • • • • • •		• • • • • • •				STATUTE	WILES	• • • • • •	• • • • • •	• • • • • • •	• • • • • •
	[N	r, F	3F	GE	GE	3E	GE	GE	GE	GE	GE	GE	GE	Sr
	EET	7	5	5	4	3	2 1/2	2	1 1/2	1 1/4	ī	3/4	5/8	1/,
	 												• • • • • • •	
NO	CEIL	55.4	59.2	62.6	65.3	67.3	67.3	67.6	67.6	67.6	67.5	67.7	67.7	67.
GE	20000	57.7	52.3	55.7	69.1	71.2	71.2	71.4	71.4	71.7	71.7	71.8	71.3	71.
	13000	57.9	52.3	55.7	59.1	71.2	71.2	71.4	71.4	71.7	71.7	71.8		71.
	16000	57.9	52.3	65.7	59.1	71.2	71.2	71.4	71.4	71.7	71.7	71.8		71.
	14000	59.5	53.0	66.3	59.8	71.9	71.9	72.1	72.1	72.3	72.3	72.4		72.
GE	12000	59.2	63.8	67.1	70.8	72.9	72.9	73.1	73.1	73.3	73.3	73.4		73.
GF	10000	51.1	55.5	70.2	74.1	76.4	76.4	76.3	76.8	77.0	77.0	77.1	77.1	77.
GE	2000	61.3	57 . 3	71.4	75.3	77.7	77.7	78.0	78.0	73.2	78.2	78.3		73.
ĞF.	8000	63.3	69.4	73.9	78.0	80.3	80.4	80.9	80.9	81.1	91.1	91.2		81.
SE	7000	63.9	70.3	74.3	78.9	81.2	81.3	31.3	81.8	32.0	92.0	82.1		52.
GE	6000	64.5	71.2	75.7	79.8	32.1	82.2	82.7	82.7	82.9	82.9	83.0		83.
G.E.	0000	04.5	1102	1511	1710	32.41	92.02	92.1	02.1	02.47	02.7	92.0	03.0	63.
GE	5000	67.3	74.0	78.5	ਰ2•ਸ	35.4	85.5	96.0	36.0	36.2	85.2	56.3	86.3	85.
GE	4500	63.1	74.3	79.3	33.7	35.3	86.4	85.9	36.9	97.1	87.1	87.2	97.2	97.
SE	4000	59.7	76.7	31.6	86.2	89.2	89.3	89.3	89.8	90.0	90.0	90.1	90.1	90.
C.	3500	70.4	77.7	82.7	88.1	91.4	91.6	92.0	92.0	92.2	92.2	92.3	92.3	92.
GE	3000	72.6	30.3	85.4	91.1	94.6	94.7	95.1	95.1	95.3	95.3	95.4	95.4	95.
GE	2500	73.0	31.5	37.2	93.0	96.4	96.5	97.0	97.0	97.2	97.2	97:3	97.3	97.
ĢF	2000	73.7	31.9	97.5	73.4	26.9	97.1	77.7	97.7	97.9	97.9	98.0		ág.
ĜE	1922	73.7	91.9	37.6	93.4	95.9	97.1	97.7	97.7	97.9	97.9	98.0		98.
SE	1500	74.0	82.2	37.9	94.0	97.7	97.9	93.4	93.4	98.7	98.7	98.8	-	99.
GE	1200	74.0	32.2	37.9	94.0	97.7	97.9	98.6	98.7	98.9	98.9	99.0		99.
GE	1000	74.0	52.2	3 7. 9	94.0	97.7	97.9	93.6	98.7	93.9	95.9	99.0	99.0	99.
U.E	900	74.0		э г. э		97.7	-	-	98.7	79.7	99.1			
GE	800		32.2	-	94.0		97.9	99.6	-			99.2		99.
GE.	700	74.0	32.2	37.7	94.1	97.8	98.0	98.7	98.8	99.1	99.4	99.5		39.
-		74.0	32.2	37.9	94.1	98.0	98.2	98.9	99.0	99.3	99.7	99.8		
GE	600	74.3	32.2	8 7. 9	94.1	98.0	98.2	98.9	99.0	99.3	99.7	99.8	99.8	٠٠.
GE	500	74.0	12.2	3 7. 9	94.1	98.0	98.2	99.1	99.2	99.6	99.9	100.0		10).
Ç.F	400	74.7	92.2	37.1	94.1	93.0	98.2	99.1	99.2	99.5	99.9	100.0	_	100.
SE	300	74.7	82.2	37.9	94.1	99.0	98.2	99.1	99.2	99.5	99.9	100.0	100.0	100.
GΕ	200	74.0	52.2	37.9	94.1	98.0	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.
GE	100	74.0	82.2	87.9	94.1	98.0	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.
9E	000	74.0	32.2	37.9	94.1	93.0	98.2	99.1	99.2	79.6	99.9	100.0	100.0	100.

TOTAL NUMBER OF DESERVATIONS 900

	ME: RICI : + 5	KENBACKE	R ANGB	Эн		PERIOD MONTH:		ORD: M		FF8 88		
4	•••••		TY IN	STATUTE	411 FS	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	•••••
] 36	3E	GE	GE	SE	GE	GE	GE	GE	GE	GE	GE	GE
1 4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
{						• • • • • •						
<u> </u>												
55.3	67.3	67.3	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7
	.	3. 3	 .	3. .	7. 7		· • · · · ·	71 0	3. 0	71 0	7. 0	** 0
1 -1	71.2	71.2	71.4	71.4	71.7	71.7	71.8	71.8	71.8	71.3	71.8	71.8
7.1	71.2	71.2	71.4	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.3
49.1	71.2	71.2	71.4	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8
3.3	71.9	71.9	72.1	72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
73.3	72.9	72.9	73.1	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
74.1	76.4	76.4	76.3	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1
25.3	77.7	77.7	78.0	78.0	73.2	73.2	78.3	78.3	78.3	73.3	78.3	78.3
75.9	80.3	80.4	80.9	80.9	81.1	91.1	91.2	81.2	81.2	81.2	81.2	81.2
74.9	81.2	81.3	81.3	81.8	82.0	92.0	82.1	92.1	92.1	92.1	52.1	82.1
79.5	32.1	82.2	82.7	82.7	82.9	82.9	83.0	83.0	83.0	83.0	93.0	83.0
	35.4	85.5	96.0	36.0	35.2	86.2	36.3	86.3	86.3	86.3	36.3	86.3
1.7	35.3	86.4	85.9	36.9	97.1	97.1	87.2	87.2	87.2	97.2	87.2	87.2
15.2	89.2	89.3	89.8	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
1	91.4	91.6	92.0	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
1.1	94.6	94.7	95.1	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
1 1111	77.0	7401	77.1	7,741	7,7 0	75.5	77.4	7,74	7741	7,74	73.4	7244
33.)	96.4	95.5	97.0	97.0	97.2	97.2	97:3	97.3	97.3	97.3	97.3	97.3
1 73.4	96.9	97.1	37.7	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
13.4	95.9	97.1	97.7	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
. :4.0	97.7	97.9	98.4	98.4	98.7	98.7	98.8	98.8	93.8	98.8	98.8	98.8
94.0	97.7	97.9	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
1 /4.0	97.7	97.9	98.6	98.7	93.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
14.3	97.7	97.9	98.6	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
14.1	97.8	98.0	98.7	98.8	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6
-4.1	93.0	98.2	98.9	99.0	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
14.1	93.0	98.2	98.9	99.0	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
1		,000	, , ,	,,,,,				,,,,	,,,,		,,,,	
14.1	98.0	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
14.1	93.0	93.2	99.1	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
34.1	99.0	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
14.1	98.0	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
94.1	98.0	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
34.1	93.0	98.2	99.1	99.2	39.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
ſ·····	• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••

200

OPERATING LOCATION MAM ""
USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI FROM HOURLY DRISERVATIONS

STATION N	IUMBER:		LST	יסדט טדכ	+ 5	KENBÄCKE				MONTH:	OF RECO	JRS: ALI	AR L
CETI INC	• • • • • •	• • • • • • • •	• • • • • •			VISIBILT				• • • • • • •	• • • • • • •	• • • • • • •	• • • •
CEILING	ሲ Ε	GF.	GE	G₽	se.	GE AT2181FI	GE	SE	GE	GE	GE	C =	
IN FEET	7	95 6	5 5	4	<i>5€</i>	2 1/2	<u>2</u>		1 1/4	1	3/4	GĘ 5/3	1,
					-							• • • • • • •	• • • •
NO CEIL	45.1	48.6	52.1	54.9	57.3	57.9	58.9	59.4	59.5	60.0	60.3	50.4	6(
SE 20000	48.2	52.3	56.1	59.2	61.8	62.5	63.5	64.1	64.3	54.9	65.2	65.3	65
SF 18000	48.3	52.4	56.2	59.3	61.8	62.6	63.7	54.2	64.4	64.9	65.3	65.4	6°
GE 16000	48.3	52.4	56.2	59.3	51.8	62.6	63.7	54.2	54.4	54.9	65.3	65.4	55
GE 14000	45.4	52.6	56.4	59.5	62.0	62.5	63.8	54.3	64.6	65.1	65.4	65.5	65
GE 12000	48.9	53.3	57.2	60.3	62.9	63.7	64.8	65.3	65.5	66.0	66.4	66.5	66
3E 10000	50.5	55.3	59.4	52.5	65.4	66.3	67.4	67.9	68.2	68.7	59.0	59.1	64
GE 9000	51.3	56.3	50.6	63.9	66.7	67.6	69.7	69.2	59.5	70.0	70.3	70.4	70
GE 8000	54.1	59.7	54.4	67.7	70.6	71.6	72.3	73.4	73.6	74.2	74.6	74.7	75
GE 7000	54.7	60.5	65.3	58.6	71.6	72.5	73.8	74.4	74.6	75.2	75.6	75.7	76
GE 6000	55.2	51.0	65.7	69.1	72.1	73.0	74.3	74.9	75.1	75.7	76.1	76.2	76
GF 5000	55.9	52.7	57.6	71.1	74.2	75.2	76.5	77.1	77.4	78.0	78.4	75.5	79
SF 4500	50.1	64.2	59.2	72.9	75.1	77.1	73.4	79.0	79.2	79.9	80.3	80.4	80
SE 4000	60.4	55.9	72.1	75.9	79.3	80.3	91.7	92.3	32.5	93.2	33.6	93.8	94
GE 3500	51.9	63.9	74.3	78.4	32.2	93.2	84.7	85.3	85.6	86.3	86.7	86.6	87
GE 3000	54.1	71.5	77.0	31.4	35.2	96.3	87.9	88.5	85.8	89.4	89.9	90.0	90
SE 2500	65.3	72.9	73.6	33.2	97.1	58.2	89.9	92.5	30.3	21.5	91.9	92.0	92
SE 2000	65.1	73.9	79.7	84.4	38.6	89.7	91.5	92.1	92.4	93.1	93.5	93.6	94
55 1800	66.3	74.0	79.9	84.6	88.8	90.0	91.7	92.3	92.6	93.3	93.7	93.9	94
GE 1500	56.9	74.7	30.7	85.5	89.9	91.0	92.3	93.5	93.8	94.5	94.9	95.1	95
GE 1200	67.2	75.0	31.1	36.0	90.5	91.3	93.7	94.4	94.7	95.4	95.9	96.0	95
35 1000	67.3	75.2	31.3	95.3	90.8	92.2	94.0	94.8	35.2	95,9	96.4	96.5	95
55 900	67.3	75.2	31.4	36.3	91.0	92.3	94.2	95.2	95.5	95.3	96.B	96.9	97
SE 800	67.3	75.3	81.5	86.5	91.2	92.6	94.5	95.5	95.9	96.7	97.2	97.4	97
GE 700	67.4	75.3	81.6	36.6	91.5	92.9	94.9	95.9	96.3	97.1	97.6	97.8	98
GE 600	67.4	75.3	31.6	86.7	91.6	93.0	95.0	96.1	96.5	97.3	97.9	98.0	38
GE 500	67.4	75.3	31.5	96.7	91.6	93.1	95.2	95.3	96.7	97.5	98.1	98.3	99
3F 400	67.4	75.3	31.6	86.7	91.7	93.1	95.3	96.4	96.9	97.7	98.3	98.5	99
6E 300	67.4	75.3	31.6	86.7	91.7	93.1	95.3	96.4	96.8	97.7	98.4	98.5	99
GE 200	67.4	75.3	31.6	86.7	91.7	93.1	95.3	96.4	96.8	97.7	98.4	98.5	93
GE 100	67.4	75.3	81.6	86.7	91.7	93.1	95.3	96.4	96.8	97.7	98.4	98.5	99
GF non	67.4	75.3	91.6	96.7	91.7	93.1	95.3	75.4	96.8	97.7	98.4	98.5	93

TOTAL NUMBER OF DISERVATIONS 7200

PERIOD OF RECORD: MAR 78 - FEB 88

NAME: RICKENBACKER ANGB DH

	+ 5	NE TOMONE	. ~ A.190	24			SEP HO		L 79 -	1.50 03		
• • •	•••••	VISIBILI	TY IN	STATUTE	MILES	•••••	• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • •	•••••
	SE	GE	GE		GE	GE	GE	GĘ	GE	GE	GE	GF
[3	2 1/2	2		1 1/4	ī	3/4	5/8	1/2	3/8	1/4	Ö
٠.	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	· · · · · ·	• • • • • •
9	57.3	57.9	58.9	59.4	59.6	60.0	60.3	50.4	60.7	60.7	61.0	61.1
,	61.8	62.5	63.5	64.1	64.3	54.8	65.2	65.3	65.5	65.6	65.9	66.1
3	61.8	62.6	63.7	54.2	64.4	64.9	65.3	65.4	65.7	65.7	65.9	66.2
3	51.8	62.6	63.7	64.2	54.4	64.9	65.3	55.4	65.7	65.7	65.9	66.2
-	62.0	62.8	63.8	64.3	64.6	65.1	65.4	65.5	65.8	65.8	66.1	66.3
3	52.9	63.7	64.8	65.3	65.5	66.0	66.4	66.5	65.8	66.8	67.1	67.3
	65.4	66.3	67.4	67.9	68.2	68.7	69.0	59.1	59.4	69.4	69.7	69.9
2			69.7	69.2	59.5	70.0	70.3	70.4	70.7	70.7		
Ļ	56.7	67.6					74.6				71.0	71.2
	70.6	71.6	72.8	73.4	73.6	74.2		74.7	75.0	75.0	75.3	75.5
t	71.6	72.5	73.8	74.4	74.6	75.2	75.6	75.7	76.0	76.0	76.3	76.5
ı	72.1	73.0	74.3	74.9	75.1	75.7	76.1	76.2	76.5	76.6	76.8	77.0
	74.2	75.2	76.5	77.1	77.4	78.0	78.4	78.5	78.8	78.6	79.1	79.3
P	75.1	77.1	73.4	79.0	79.2	79.9	80.3	80.4	80.7	80.8	81.0	81.2
ł	79.3	80.3	91.7	32.3	32.6	93.2	83.6	93.8	84.1	84.1	84.4	84.6
ł	32.2	93.2	84.7	85.3	85.6	86.3	86.7	86.8	87.1	87.2	87.4	87.7
ł	35.2	96.3	87.9	88.5	83.8	89.4	89.9	90.0	90.3	90.3	90.6	90.9
ļ	97.1	58.2	89.9	90.5	20.8	91.5	91.9	92.0	92.3	92.4	32.7	92.9
ļ	33.6	39.7	91.5	92.1	92.4	93.1	93.5	93.6	94.0	94.0	94.3	94.5
•	88.8	90.0	91.7	92.3	92.6	93.3	93.7	93.9	94.2	94.2	94.5	94.8
}	39.9	91.0	92.3	93.5	93.8	94.5	94.9	95.1	95.4	95.5	95.7	96.0
j	90.5	91.8	93.7	94.4	94.7	95.4	95.9	96.0	96.4	96.4	96.7	97.0
ł	90.8	92.2	94.0	94.8	95.2	75.9	96.4	96.5	95.9	97.0	97.3	97.5
1	91.0	92.3	94.2	95.2	95.5	96.3	96.A	96.9	97.3	97.4	97.7	97.9
1	91.2	92.5	94.5		95.9	96.7	97.2	97.4	97.8	97.8	98.1	98.4
•	91.5	92.9	94.9	95.9	96.3	97.1	97.6	97.8	98.2	98.2	98.5	98.8
1	31.5	93.0	95.0	96.1	96.5	97.3	97.9	98.0	98.5	98.5	98.8	99.1
ł	71.0	73.0	73.0	90 • L	70.7	71.0	7147	70.0	70.0	70 • 7	70.5	77.1
1	91.6	93.1	95.2	95.3	96.7	97.5	98.1	98.3	98.7	98.8	99.1	99.3
I	91.7	93.1	95.3	96.4	96.8	97.7	98.3	98.5	98.9	93.9	99.3	99.5
1	91.7	93.1	95.3	96.4	96.8	97.7	98.4	98.5	99.0	99.1	99.4	99.7
1	91.7	93.1	95.3	96.4	96.8	97.7	98.4	98.5	99.0	99.1	99.5	99.8
ł	91.7	93.1	95.3	96.4	96.8	97.7	98.4	98.5	99.1	99.2	99.6	100.0
1	91.7	93.1	95.3	35.4	96.8	97.7	98.4	98.5	99.1	99.2	99.6	100.0
I												

.

		• • • • • • •	• • • • • •	• • • • • • •	• • • • •						• • • • • •	• • • • • •	• • • • • • •	••••
-	LING	GE	g⊭	GE	GE	GE	VTSIBILT GE	GE	STATUTE	GE WILE 2	GE	GE	~ = -·	,
	ET.	7	5	9E 5	4 4	3	2 1/2	2		1 1/4	1	3/4	GE 5/8	1/
_	-		-	• • • • • • •	••••	_			• • • • • • •	•••••			•••••	
NO	CEIL	49.4	50.8	52.3	53.0	54.0	54.1	54.7	54.9	55.1	55.2	55.4	55.4	55
	20003	52.5	54.0	55.7	56.5	57.4	57.5	58.2	58.4	58.5	58.6	58.3	58.8	5 3
	13000	52.5	54.0	55.7	56.5	57.4	57.5	53.2	58.4	58.5	58.6	58.8	58.8	5.5
	16000	52.5	54.0	55.7	56.5		57.5	58.2	58.4	58.5	58.6	58.8	58.8	58
	14000	52.5	54.0	55 .7	56.5	57.4	57.5	58.2	58.4	58.5	58.6	58.8	58.8	58
GΕ	12000	52.6	54.1	55.8	56.6	57.5	57.6	58.3	58.5	58.6	58.7	58.9	58.9	59
	10000	54.0	55.7	57.4	59.2	59.1	59.2	59.9	60.1	60.2	60.3	60.5	50.5	63
GΕ	9200	54.7	56.5	59.3	59.0	50.0	50.1	50.8	61.0	51.1	51.2	61.4	61.4	61
SE	8000	56.8	58 ∙6	50.5	61.6	62.6	52.7	63.3	63.8	63.9	64.0	64.2	54.2	64
GE	7000	50.1	59.9	51.9	63.0	64.2	54.3	65.1	55.5	55.6	55.7	65.9	65.9	66
GE	6000	59.4	51.2	63.2	64.5	65.7	65. 8	66.6	67.0	67.1	67.2	67.4	67.4	67
GE	5000	54.2	66.2	63.9	70.9	72.4	72.5	73.2	73.7	73.8	73.9	74.1	74.1	74
35	4500	65.5	68.6	71.3	73.5	75.3	75.4	76.5	76.9	77.0	77.1	77.3	77.3	7
GE	4000	69.0	71.4	74.1	76.5	79.6	78.7	79.9	90.4	30.5	80.5	81.0	81.0	9
GE	3500	70.3	72.8	75.5	78.2	80.3	80.4	81.6	82.2	82.3	92.4	82.7	82.7	92
GE	3000	72.5	74.9	77.8	80.9	93.9	34.0	85.2	85.7	85.8	85.9	86.2	86.2	86
GE	2500	73.3	76.1	79.4	32.5	35.6	95.7	86.9	87.4	87.5	87.6	88.0	39.0	85
SF	2000	74.4	77.3	30.9	54.4	87.5	87.8	39.0	89.6	89.7	89.8	90.1	90.1	90
GE.	1909	74.4	77.3	81.1		- 87-8	88.1	89.2	39.8	99.9	20.0	90.3	90.3	90
GE.	1500	75.3	79.5	32.4	86.2	89.7	90.0	91.2	91.7	91.8	91.9	92.3	92.4	92
GE	1200	75.5	73.7	82.6	86.7	90.4	90.8	91.9	92.5	92.6	92.7	93.0	93.1	9 :
GΕ	1000	76.2	79.6	83.5	37.7	91.7	92.0	93.2	93.3	93.9	94.0	94.3	94.5	94
3=	900	76.8	30.1	34.2	88.6	92.8	93.1	94.4	94.9	95.1	95.2	95.5	95.7	91
GE	900	77.0	30.3	34.8	89.9	94.4	94.7	96.0	96.6	96.7	95.8	97.1	97.3	97
SE	700	77.0	80.3	84.8	29.9	94.4	95.1	96.6	97.2	97.3	97.4	97.7	98.0	98
GE	500	77.0	80.3	84.8	89.9	94.4	95.1	96.8	97.4	97.5	97.6	98.0	98.2	98
GE	500	77.0	80.3	84.8	39.9	94.4	95.3	97.0	97.6	98.1	98.2	98.5	98.7	9
GE	400	77.0	30.3	84.8	89.9	94.4	95.3	97.2	97.8	98.3	98.4	98.7	98.9	90
GE.	300		80.3	84.8	39.9	94.5	95.4	97.3		98.4	98.5	98.8	99.0	9
GE	200	77.0	80.3	84.8	89.9	94.5	95.4	97.3	98.0	98.4	98.6	99.1	99.4	9:
GE	100	77.0	80.3	84.8	89.9	94.5	95.4	97.3	98.0	98.4	98.5	99.1	99.4	9
						·=								

TOTAL NUMBER OF OBSERVATIONS 930

	TON MAI	: + 5	KENBACKE				HINCH:	OF RECO			FE8 88		
• •					STATUTE				• • • • • • • • • • • • • • • • • • • •		• • • • • • •	• • • • • •	•••••
	G€	GE		GE				GE	GE	GE	G.⊏	GE	GE
	4	3	2 1/2	2		1 1/4		3/4		1/2	3/8	1/4	0
• •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
i	53.0	54.0	54.1	54.7	54.9	55.1	55.2	55.4	55.4	55.5	55.6	55.6	55.6
•	55.5	57.4	57.5	58.2	58.4	58.5	58.6	58.3	58.8	53.9	59.0	59.0	59.0
•	56.5	57.4	57.5	58.2	58.4	58.5	58.6	58.8	58.8	58.9	59.0	59.0	59.0
•	56.5	57.4	57.5	58.2	58.4	58.5	58.6	58.8	58.8	58.9	59.0	59.0	59.0
,	56.5	57.4	57.5	58.2	58.4	58.5	53.6	58.8	58.8	58.9	59.0	59.0	59.0
	56.6	57.5	57.6	58.3	58.5	58.6	58.7	58.9	58.9	59.0	59.1	59.1	59.1
	59.2	59.1	59.2	59.9	60.1	60.2	60.3	60.5	60.5	60.6	60.8	60.3	60.8
	59.0	50.0	50.1	60.8	51.0	51.1	51.2	61.4	61.4	61.5	51.6	61.6	61.6
	51.5	62.6	52.7	53.3	53.8	63.9	64.0	64.2	54.2	64.3		64.4	64.4
	53.0	64.2	54.3	65.1	55.5	65.6	55.7	65.9	65.9	66.0	66.1	66.1	66.1
	64.5	65.7	65.8	56.6	67.0	67.1	67.2	67.4	67.4	67.5	67.6	67.6	67.6
				70.0		70.0	7 7 0		•	.	•	- · ·	-
	70.9	72.4	72.5	73.2	73.7	73.8	73.9	74.1	74.1	74.2	74.3	74.3	74.3
	73.5	75.3	75.4	76.5	76.9	77.0	77.1	77.3	77.3	77.4	77.5	77.5	77.5
	76.5	79.6	78.7	79.9	90.4	90.5	80.6	81.0	81.0	81.1	81.2	81.2	81.2
	78.2	30.3	90.4	81.6	82.2	32.3	82.4	82.7	82.7	82.8	82.9	82.9	82.9
1	ಕ0.9	33.9	34.0	85.2	85.7	35.8	85.9	86.2	86.2	86.3	86.5	86.5	86.5
	42.5	35.5	35.7	85.9	87.4	37.5	87.6	88.0	39.0	88.1	88.2	88.2	88.2
	-,4 .4	87.6	87.3	97.0	89.6	49.7	8.98	90.1	90.1	90.2	90.3	90.3	90.3
	34.5	87.8	88.1	89.2	39.8	39.9	70.0	90.3	90.3	90.4	90.5	90.5	90.5
	೧5 • 2	39.7	90.0	91.2	91.7	91.8	91.9	92.3	92.4	92.5	92.6	92.6	92.6
•	36.7	90.4	90.8	91.9	92.5	92.6	92.7	93.0	93.1	93.2	93.3	93.3	93.3
	37.7	91.7	92.0	93.2	93.3	93.9	94.0	94.3	34.5	94.7	94.8	94.8	94.8
	48.5	92.8	93.1	94.4	94.9	95.1	95.2	95.5	95.7	95.9	96.0	96.0	96.0
	40.9	94.4	94.7	96.0	96.6	96.7	96.8	97.1	97.3	97.5	97.5	97.6	97.6
	9.9	94.4	95.1	96.6	97.2	97.3	97.4	97.7	98.0	98.2	98.3	98.3	98.3
	32.9	94.4	95.1	96.8	97.4	97.5	97.6	98.0	98.2	98.4	98.5	98.5	98.5
	39.9	94.4	25.3	97.0	97.5	98.1	98.2	93.5	98.7	93.9	99.0	99.0	99.0
	39.7	94.4	95.3	97.2	97.8	98.3	98.4	70•J 98•7	98.9	99.1	99.2	99.2	99.2
	99.9	94.5	95.4	97.3	98.0	98.4	98.5	98.8	99.0	99.2	99.4	99.4	99.4
	89.9	94.5	95.4	97.3	98.0	98.4	98.6	99.1	99.4	99.6	99.7	99.7	99.7
1	39.9	94.5	95.4	97.3	98.0	98.4	98.5	99.1	99.4	99.6	99.7	99.7	99.7
	9747	77.5	7 J • T	7103	70.0	70.4	70.0	7701	7747	7740	7741	7701	7741
	a9.9	94.5	95.4	97.3	93.0	98.4	98.6	99.1	99.4	99.6	99.7	99.7	100.0
١.,	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •

DPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIB!
FROM HOURLY OBSERVATIONS

ST	ATTON N	lumaer:		LST	TO UTC	: + 5	KENBACKE	R ANGE	он		PERIUD MONTH:		CORD: HOURS:	
761	ILING	•••••	• • • • • • •		• • • • • • •		VISIBILI	TV THE		MILEC	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •
	ILING [N	GE.	ĞE	SE	GE	GE	GE Atototet	GE GE	GE GE	GE HIEE2	ÇF	GE	GE	GE.
	EET	7	5 <u>5</u>	5	4	3	2 1/2	2		1 1/4	1	3/4	5 / 8	1/2
	- t. , • • • • • • •					· · · · · · ·		••••			• • • • • •		* * * * * * *	
NO	CEIL	43.2	43.8	45.9	47.2	43.8	48.8	49.9	50.0	50.4	50.9	51.4	51.4	51.
35	20000	45.3	45.7	48.1	49.5	51.1	51.1	52.2	52.3	52.7	53.1	53.7	53.7	53.
GE	19000	45.3	45.9	49.1	49.5	51.1	51.1	52.2	52.3	52.7	53.1	53.7	53.7	53.
	15000	45.3	45.9	48.1	49.5	51.1	51.1	52.2	52.3	52.7	53.1	53.7	53.7	53.
	14000	45.4	46.0	43.2	49.5	51.2	51.2	52.3	52.4	52.8	53.2	53.9	5 3. 8	
GE	12000	46.1	46.3	48.9	50.3	51.9	51.9	53.0	53.1	53.5	54.0	54.5	54.5	54.
SE	10000	47.3	48.5	50.9	52.2	53.8	53.8	55.1	55.2	55.7	55.1	56.7	56.7	55.
SE	9000	48.5	47.1	51.7	53.1	55.1	55.1	56.3	55.5	57.0	57.4	53.0	54.0	
GF	3000	51.7	52.4	54.9	56.3	53.4	58.4	59.7	59.9	60.4	60.9	61.4	61.4	61.
GE	7000	53.0	53.7	56.5	57.8	60.2	60.2	61.5	61.7	62.3	62.7	63.2	63.2	63.
GE	6000	55.5	50.1	59.0	60.5	63.1	63.1	54.4	54.6	65.2	65.5	65.1	66.1	66.
ĢE	5000	60.4	61.3	54.7	66.3	69.1	69.1	70.4	70.6	71.2	71.6	72.2	72.2	72.
SE	4500	52.2	63.4	55.9	68.5	71.6	71.6	72.9	73.3	73.9	74.3	74.9	74.8	-
GE	4000	63.3	54.5	58.1	59.3	73.3	73.3	74.6	75.1	75.5	76.0	76.7	76.7	76.
GE	3500	04.7	56.0	67.5	71.4	75.2	75.2	76.5	76.9	77.4	77.3	73.6	78.6	
GE	3000	66.9	o8•5	72.3	74.2	78.1	79.2	79.5	30.0	80.5	81.0	81.8	31.9	82.
3.5	2500	63.3	70.0	74.1	76.0	30.2	90.3	51.7	32.4	33.1	43.5	94.4	34.4	84.
7,5	2000	69.2	71.0	75.5	77.7	32.7	82.9	24.3	34.0	85.7	35.1	97.0	97.0	
SE	1800	59.4	71.1	75.7	77.3	82.8	83.0	84.4	35.1	85.8	95.2	87.1	87.1	87.
GE	1500	70.8	72.7	77.5	79.7	34.8	85.2	86.6	97.2	88.0	88.4	89.2	39.2	89.
GE	1200	71.0	73.U	78.0	80.4	85.7	86.0	87.4	88.1	98. 8	89.2	90.1	90.1	90.
ge	1000	71.3	73.5	79.7	31.3	36.6	86.9	83.5	37.2	90.0	30.4	91.3	91.3	91.
7,5	900	72.4	74.6	30.0	92.6	87.8	85.2	99.9	90.5	91.3	91.7	92.5	72.6	93.
GF	300	73.0	75.3	90.3	93.9	89.2	89.6	91.3	92.0	92.8	93.2	94.1	94.1	94.
GE	700	73.0	75.3	30.9	84.0	39.5	89 .9	91.8	92.6	93.3	93.3	94.0	94.6	95.
GE	600	73.1	75.5	31.1	34.2	89 .7	90.2	92.2	92.9	93.8	94.2	95.1	95.1	95.
GE	500	73.1	75.5	31.1	34.3	90.0	90.5	92.5	93.2	94.1	94.5	95.6	95.5	96.
GE	400	73.1	75.5	81.1	84.3	97.0	90.5	93.0	93.9	94.9	95.4	96.3	96.3	-
GE	300	73.1	75.5	31.1	84.3	90.0	90.6	93.4	94.3	95.5	96.0	97.0	97.0	97.
GΕ	500	73.1	75.5	81.1	84.3	90.0	90.6	93.4	94.3	95.8	96.3	97.3	97.3	
GE	100	73.1	75.5	31.1	84.3	90.0	90.6	93.4	94.3	95.8	96.3	97.3	97.3	98.
ĢF	200	73 • 1	75.5	31.1	84.3	30.0	90.5	93.4	94.3	35.8	76.3	97.3	97.3	98.

TOTAL NUMBER OF UBSERVATIONS 930

ز	ME: RIC : + 5	KENBACKE	ER ANGB	ÐН		PERIOD MONTH:	-		MAR 78 -	FE8 88		
ĺ		4			411.55	• • • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • •
	35	VISIBILI Gê	GE GE	GE	GE GIFE?	C.E.	GE	GE	GE	GE	GE	GE
• • •	3	2 1/2		1 1/2	-			5/8	1/2	3/3	1/4	0
5		• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • • •	• • • • • • • •	• • • • • • •	•••••	• • • • • •
5 0	43.3	48.8	49.9	50.0	50.4	50.9	51.4	51.4	51.6	51.7	52.2	52.6
2	51.1	51.1	52.2	52.3	52.7	53.1	53.7	53.7	53.9	54.0	54.4	54.8
5	51.1	51.1	52.2	52.3	52.7	53.1	53.7	53.7	53.9	54.0	54.4	54.8
รั	51.1	51.1	52.2	52.3	52.7	53.1	53.7	53.7	53.9	54.0	54.4	54.8
1	51.2	51.2	52.3	52.4	52.8	53.2	53.3		54.0	54.1	54.5	54.9
5	51.9	51.9	53.0	53.1	53.5	54.0	54.5	54.5	54.7	54.8	55.3	55.7
ي ۔	53.8	53.8	55.1	55.2	55.7	56.1	56.7	56.7	55.9	57.0	57.4	57.9
5	55.1	55.1	55.3	55.5	57.0	57.4	59.0	59.0	59.2	58.3	58.7	59.1
ن	53.4	58.4	59.7	59.9	60.4	60.9	61.4	61.4	61.6	61.7	62.2	62.6
- 1	00.2	50.2	51.5	61.1	62.3	62.7	63.2	63.2	63.4	63.5	64.0	64.4
7	53.1	63.1	54.4	54.6	55.2	65.5	65.1	66.1	66.3	66.5	66.9	67.3
7	53.1	59.1	70.4	70.5	71.2	71.6	72.2	72,2	72.4	72.5	72.9	73.3
7	71.5	71.6	72.9	73.3	73.9	74.3	74.8			75.2	75.6	76.0
	73.3	73.3	74.5	75.1	75.6	76.0	76.7	76.7	76.9	77.0	77.4	77.8
1	75.2	75.2	76.5	76.9	77.4	77.3	78.6	78.6	78.8	78.9	79.4	79.8
- 4	79.1	79.2	79.5	30.0	80.5	81.0	81.8	31.3	82.0	82.2	82.6	83.0
2	₹9.2	80.3	91.7	92.4	33.1	93.5	94.4	34.4	84.7	94.9	85.3	85.7
	32.7	82.9	84.3	34.9	85.7	36.1	87.0	87.0		87.4	87.8	88.3
,	32.9	83.0	84.4	95.1	85.8	86.2	87.1	87.1		87.5	88.0	88.4
1	34.3	95.2	86.6	97.2	88.0	88.4	89.2	39.2	89.7	89.8	90.2	90.6
٦ ۽	85.7	36.0	87.4	88.1	88.8	89.2	90.1	90.1	90.5	90.6	91.1	91.5
	45.5	36.9	83.5	39.2	90.0	90.4	91.3	91.3	91.7	91.8	92.4	92.8
9:	I	95.2	89.3	90.5	91.3	91.7	92.5			93.1	93.7	94.1
7.1		99.6	91.3	92.0	92.8	93.2	94.1	94.1		94.8	95.4	95.8
- 1	37.5	89.9	91.9	92.6	93.3	93.8	94.6	94.6	95.3	95.4	95.9	96.3
7.	R	90.2	92.2	92.9	93.8	94.2	95.1	95.1		95.8	96.3	96.8
37		90.5	92.5	93.2	94.1	94.5	95.6	95.5	96.2	96.3	96.9	97.3
94	1	90.5	93.0	93.9	94.8	95.4	96.3	96.3		97.1	97.6	98.1
93		90.5	93.4	94.3	95.5	96.0	97.0	97.0		97.7	98.3	98.7
7 3	73.0	90.6	93.4	94.3	95.8	96.3	97.3	97.3		98.2	98.7	99.6
۰۶ -	•	90.6	93.4	94.3	95.8	96.3	97.3	97.3		98.2	98.7	99.7
• • •	79.2	90.5	93.4	94.3	35.8	96.3	97.3	97.3	98.1	98.2	98.7	100.0

OPERATING LOCATION #A# USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI FROM HOURLY DESERVATIONS

SŤ	ATION N	NUMBER:	724295	LST	TO UTC	+ 5	KENBACKE	R ANGB	Эн		PERIOD MONTH:		DRD: MA HOURS: 0
	4		• • • • • • •	• • • • • •	• • • • • • •		4.610111	* * * * * * * * * * * * * * * * * * *		4 F4 C C	• • • • • •	• • • • • •	• • • • • • • •
	ILING In	Ġ٢	GE.	ςĘ	GE	68		-	STATUTE		GE.	c =	c =
	in Eet		5 E	', C	9 ft 4	-	GE 2 1 42	GE	SE.	5F		GE	GE GE
Т	EE1	7	9	7	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8
• •	• • • • • •		•••••	• • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •
NŪ	CEIL	30.6	32.9	34.9	37.2	39.7	40.5	42.5	43.3	43.9	44.4	44.9	44.9
SE.	20000	33.0	35.4	37.4	39.9	42.5	43.4	45.4	45.2	46.8	47.3	47.8	47.A
GE	18000	33.1	35.5	37.5	40.0	42.7	43.5	45.5	46.3	45.9	47.4	48.0	43.0
GE	16000	33.1	35.5	37.5	40.0	42.7	43.5	45.5	46.3	46.9	47.4	48.0	48.0
	14000	33.1	35.5	37.5	40.0	42.8	43.7	45.5	46.5	47.0	47.5	48.1	48.1
GE	12000	34.1	36.6	38.6	41.1	43.9	44.7	46.7	47.5	48.1	43.5	49.1	49.1
ĢE		37.1	39.7	41.3	44.5	47.4	48.5	50.4	51.3	51.9	52.5	53.2	53.2
3.5	a 099	33.7	41.5	+4.3	47.0	49.9	51.0	53.7	53.9	54.5	55.3	55.9	55.9
SI	3000	43.3	46.5	49.0	51.9	55.1	56.2	58.3	59.1	59.8	60.5	61.3	61.3
GE	7000	45.4	48.5	51.1	54.2	57.6	58.8	60.9	61.7	52.4	63.1	63.9	63.9
GΕ	6000	46.5	49.7	52.3	55.4	58.8	60.0	62.0	52.9	63.5	64.3	65.1	55.1
35	5000	50.4	53.8	56.7	60.0	63.5	64.7	67.0	57 · 8	54.5	59.4	70.1	70.1
35	4500	53.4	56.8	59.7	63.2	55.9	54.1	70.3	71.2	71.5	72.7	73.4	73.4
GE	4000	54.4	58.2	61.2	54.7	63.6	59.9	72.2	73.2	73.9	74.7	75.5	75.5
GE	3500	55.3	59.0	62.3	65.9	70.1	71.7	74.3	75.4	76.0	76.9	77.6	77.6
GE	3000	56.1	59.9	63.3	67.2	71.6	73.2	75.8	77.0	77.6	78.5	79.2	79.2
35	15.00	c 3 /	. 1 . 0	2 - 1	(0.)	72 7	75 0	3 0.					
35	2500	57.5	51.5	65.1	69.)	73.7	75.3	78.4	79.7	40.3	31.4	82.2	92.2
	2000	50.0	62.9	55.7	70.5	75.5	77.1	37.2	81.7	92.4	03.4	84.2	84.2
GE	1800	59.1	53.2	67.0	71.0	75.8	77.4	80.5	82.0	82.7	83.8	84.5	84.5
GE	1500	59.4	53.4	57.3	71.5	76.8	78.5	81.8	33.4	84.1	85.2	86.0	36.0
SE	1200	60.0	54.5	58 ∙ 3	73.4	79.4	81.1	84.4	86.0	86.7	87.7	88.7	88 .7
gr	1000	52.5	55.3	72.3	74.7	30.8	32.5	85.0	37.6	39.3	30.4	90.3	90.3
ge.	930	51.3	55.9	70.3	75.5	81.7	83.4	P7.2	89.8	89.5	90.6	91.5	91.6
ĞE	300	51.3	55.9	70.8	75.5	81.9	83.8	87.5	39.1	89.8	91.0	92.0	
GE	700	51.4	66.0	71.0	75.3	32.5	34.5	83.4			91.0		92.0
GE	500	61.5	55.1	71.1	75.9	32.6	34.7	88.7	90•1 90•5	90.3 91.5	92.7	93.0	93.0
96	900	31.0	20 • 7	11.1	13.7	32+0	54 · /	0001	90.5	91.0	92.1	93.8	93.8
G=	500	61.5	55.2	71.2	76.2	83.0	85.3	89.2	21.7	92.2	93.3	94.5	94.7
3F	400	51.5	55.2	71.2	76.2	93.1	95.4	A9.5	91.5	32.6	93.8	95.1	95.4
GE	300	61.5	55.2	71.2	75.2	83.1	85.4	89.7	91.8	92.8	94.1	95.6	95.9
GE	200	61.5	56.2	71.2	76.2	33.1	85.4	89.7	91.8	92.9	94.2	95.9	96.2
GE	100	61.5	56.2	71.2	76.2	83.1	85.4	89.7	91.8	92.9	94.2	96.0	96.3
		3.00	,,,,	,			,,,,	W / • 1	7110	160)	7446	70.40	70.5
9 <u>5</u>	იიი	61.5	55.2	71.2	76.2	33.1	85.4	89.7	91.8	92.9	94.2	96.0	76.3

TOTAL NUMBER OF DISERVATIONS 930

J5	AM MOITA OTU CT T	ME: RIC : + 5	KENBACKE	R ANGS	Эн		PERIOD MONTH:	OF RECE	ገጻ ጋ ፡		FE8 88		
بن.		• • • • • • •	VISIBILI	TY IN	STATUTE	Mil ES		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •
3E	, ,F	GE	GE	SE	SE	SE	GE	GE	GE	GE	GF	SE	GE
12	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/9	1/4	Ď
••••								• • • • • •					• • • • • •
5.2	37.2	39.7	40.5	42.5	43.3	43.9	44.4	44.9	44.9	45.2	45.3	45.9	46.2
1		3,4,						.,.,	.,.,	.,,,,,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
1 1	39.9	42.5	43.4	45.4	45.2	46.8	47.3	47.8	47.8	48.1	48.2	48.8	49.1
.2	40.0	42.7	43.5	45.5	46.3	45.9	47.4	43.0	43.0	49.2	48.3	48.9	49.2
1.2	40.0	42.7	43.5	45.5	46.3	46.9	47.4	43.0	48.0	48.2	48.3	48.9	49.2
• 3	40.0	42.8	43.7	45.6	46.5	47.0	47.5	48.1	48.1	48.3	48.4	49.0	49.4
.4	41.1	43.9	44.7	46.7	47.5	49.1	43.5	49.1	49.1	49.4	49.5	50.1	50.4
. 4	44.5	47.4	48.5	50.4	51.3	51.9	52.5	53.2	53.2	53.4	53.5	54.2	54.5
. 1	47.1	49.0	51.0	53.0	53.9	54.5	55.3	5.5.0	55.9	56.1	56.2	56.9	57.2
• 5	51.9	55.1	56.2	58.3	59.1	59.8	60.5	61.3	61.3	61.5	61.5	62.3	62.6
• 1	54.2	57.6	58.3	60.9	61.7	52.4	63.1	63.9	63.9	64.1	64.2	64.8	65.2
. 3	55.4	53.8	50.0	62.0	52.9	63.5	64.3	65.1	55.1	65.3	65.4	66.0	66.3
. 3	50.0	63.5	54.7	67.0	57.¤	54.5	59.4	72.1	70.1	70.3	70.4	71.1	71.4
. 7	43.2	55.9	55.1	70.3	71.2	71.8	72.7	73.4	73.4	73.7	73.8	74.4	74.7
. 7	54.7	53.5	59.9	72.2	73.2	73.9	74.7	75.5	75.5	75.7	75.8	76.5	76.8
. 3	55.9	70.1	71.7	74.3	75.4	76.0	76.9	77.6	77.6	77.8	73.0	78.6	78.9
. 5	57.2	71.6	73.2	75.9	77.0	77.6	78.5	79.2	79.2	79.5	79.6	80.2	80.5
	1	11.5	1,71.	• .7 • 3	1110	1113	13.7	1742	1712	17.0	77.5	50.2	30.7
4	50.)	73.7	75.3	78.4	79.7	30.3	31.4	82.2	32.2	82.4	92.5	33.1	83.9
7	70.5	75.5	77.1	30.2	31.7	92.4	93.4	84.2	84.2	84.4	84.5	35.2	45.4
. 7	71.0	75.8	77.4	80.5	82.0	82.7	83.8	84.5	84.5	84.7	84.8	85.5	86.1
2	71.5	76.3	78.5	81.8	33.4	84.1	85.2	86.0	86.0	86.2	86.3	87.0	87.6
9	73.4	79.4	81.1	94.4	86.0	86.7	87.7	88.7	88.7	88.9	89.0	89.7	90.3
5 0 3 2	74.7	ჟე , მ	92.5	35.0	37.6	33.3	30.4	90.3	90.3	90.5	90.5	91.3	91.9
P _i	75.5	81.7	93.4	87.2	39.8	89.5	90.6	91.5	91.6	91.3	91.9	92.6	93.2
3	75.5	81.9	83.8	87.5	39.1	89.8	91.0	92.0	92.0	92.3	92.4	93.0	93.8
2	75.3	82.5	84.5	83.4	90.1	90.8	91.9	93.0	93.0	93.2	93.3	94.0	94.7
0	75.9	32.6	84.7	88.7	90.5	91.5	92.7	93.8	93.8	94.0	94.1	94.7	95.5
9	76.2	02.0	25 2	00.0	21.2	03 3	93.3	24.4	0, 7	04 0	05.1	05.7	04 5
9 7		83.0	85.3	87.2	•	92.2		94.6	94.7	94.9	95.1	95.7	96.5
3	76.2	83.1	45.4	89.5	91.5	92.6	93.8	95.1	95.4	95.7	96.0	96.7	97.4
, 7	75.2	83.1	95.4	89.7	91.8	92.8	94.1	95.6	95.9	96.3	96.8	97.6	98.5
3	75.2	93.1	85.4	89.7	91.8	92.9	94.2	95.9	96.2	96.7	97.1	98.3	99.5
,	75.2	83.1	85.4	89.7	91.8	92.9	94.2	96.0	96.3	96.8	97.2	98.4	99.6
Ä	76.2	33.1	85.4	49.7	91 • P	92.9	94.2	96.0	76.3	95.R	97.3	98.5	100.0
• • • •	• • • • • • • •	• • • • • • •	• • • • • • • •					• • • • • • •					

1

930

3 IL 1

OPERATING LOCATION MAM USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI PROM HOURLY TASSEPVATIONS

			122					****		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				,
	TATION NUMBER: 724285			LST	TO UTC	: + 5					*HTMCM	JCT	COPD: '	03-
	ILING		• • • • • • •		• • • • • • •						• • • • • • •	• • • • • •	• • • • • •	••••
	IN	ζE	35	95	65	SE	GE A12101F1	9E	STATUTE GF	JE	3E	SE	G٢	!
	 851	7	, , , ,): 5	4	3	2 1/2	2			-	3/4	5/3	1
					• • • • • •								•••••	*
NO	25.11	3.7	5.3.3				. 5 3		, ~ .					
NU	CEIL	37.4	34.4	42.2	+3+4	44.6	45.2	45.3	45.4	45.5	45.5	45.7	45.7	4
	20000	40.7	43.7	45.5	44.7	43.2	49.3	50.0	50.1	50.7	50.3	57.4		
	19000	47.7	43.7	45.5	48.0	49.2	49.5	50.0	59.1	50.7	£0.3	53.4		
	15000	40.7	43.7	46.5	49.0	49.2	49.9	50.0	50.1	50.2	50.3	50.4	50.4	5 1
	14000	40.9	43.7	46.5	49.0	49.2	49.B	50.0	50.1	50.2	50.3	50.4	50.4	5'
GE	12000	41.2	44.1	45.9	43.4	49.7	50.2	50.4	50.5	50.5	50.3	50.9	53.9	5.
SE	10000	43.7	44.9	50.7	51.7	53.0	54.5	53.3	53.7	54.0	64.1	54.2	54.2	5, 2
GE	ำาวง	44 . 4	40.1	31.3	53.1	54.4	54.9	55.2	55.3	55.4	45.6	55.4	35.5	
GF	8000	44.7	51.6	55.2	57.2	53.7	59.4	59.3	50.0	50.1	50.2	50.3		
GE	7000	50.3	54.4	33.2	50.3	51.3	52.5	62.9	53.1	53.2	63.3	63.4	53.4	
GE	6000	52.2	55.0	د . 59	52.3	53.3	54.4	54.3	65.1	65.2	55.3	55.4		
3=	5000	50.5	59.5	43.3	46,4	57.4	53.1	53.7	53.0	53.3	59.1	59.2	40.2	6,1
7.5	4500	57.5	61.7	45.3	·, · · 3	72.2	72.5	71.3	71.5	71.	71.7	71.3	_	
GF	4000	50.3	53.4	59.1	70.5	72.5	73.1	73.9	74.3	74.4	74.5	74.5		
GE	3500	59.7	54.5	79.2	71.9	74.2	74.9	75.6	75.0	76.1	75.2	75.3		
ĞΕ	3000	51.9	55.7	/1.5	74.5	77.5	77.6	73.4	78.5	75.9	79.5	79.1	79.1	
;-	2500	41 C	() i	77 7	7	73.3	76.0) (1)	31 5		~ • <i>~</i>	21.5	31.6	
3,5	2000	61.5 65.5	5 ₹ • 5 70 • €	73.7	76.5	77.2	79.9	an, 3	31.5	31.5	-1.a	-1.3		•
,. 3E	1800	55.3		75.1	79.1	37.0	42.7	83.7	24.4	34.5	44.7	24.4	-	
			71.1	76.5	79.5	42.5	93.1	84.1	34.8 30.1	34.7	95.2	25.3		
GE GE	1500 1200	57.3 53.2	72.9	79.1	32.5	35.2	97.2	55 • 4	39.1	89.2	89.5	89.5		
O.C.	1200	33.2	74.3	51.0	84.3	33.5	39.7	90.9	91.4	91.9	92.2	92.3	92.3	93
7,0	1000	54.4	74.4	31.5	25.1	39.5	90.9	92.?	93.1	93.3	23.5	9.9	•	9.1
ĢĒ	230	64.5	74.8	91 + 3	35.3	47.7	91.2	92.9	73.7	44.1	74.3	24.5	94.4	
3F	800	58.5	75.1	32.3	95.7	97.3	91.7	93.5	94.5	34.7	45.1	95.4	45.4	م) ۾
GE	700	53.0	75.5	32.5	36.3	91.3	92.7	34.5	95.7	95.3	96.3	30.7	95.7	93
G E.	500	59.0	75.5	52.5	36.5	91.4	93.1	95.3	96.3	96.7	97.2	97.5	97.5	97
gr	500	69.1	75.	22.5	34.5	91.7	93.4	25.5	95.3	77.1	97.7	34.2	99.3	3 6
3,5	430	67.7	7%, 5	32.5	36.5	91.7	23.4	95.5	96.9	97.2	98.0	94.4	98.5	
ÇE	300	59.9	75.5	92.5	36.5	91.7	93.4	45.7	97.0	77.3	48.2	98.7	98.4	
GE	200	59.0	75.5	32.5	86.5	91.7	93.4	95.7	97.0	97.3	93.2	98.9	-	
GE	100	59.0	75.5	12.5	36.5	91.7	93.4	95.7	97.0	97.3	98.2	93.9	99.0	
GF.	000	69.7	75.5	3 2.5	36.3	91.7	93.4	95.7	97.0	97.3	34.5	৭২,৭	33.0	QC
• • •	, • • • • • •								• • • • • • •					

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DISSERVATIONS

ITY

	4: RIC	KENBACK	ER ANGB	J H		PERIOD:	OF REC	ዕዋው፡ M. HOURS: H		FE8 88		
	• • • • • •	visiait	ITY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
1	38	G F	SĒ	SF	GF		GE	GΞ	GE	GE	GE	GE
	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/3	1/4	O
	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
	44.5	45.2	45.3	45.4	45.5	45.5	45.7	45.7	45.7	45.8	45.9	46.2
	47.2	49.3	50.0	52.1	50.2	57.3	50.4	50.4	50.4	50.5	50.6	51.0
ŀ	4 3 ?	49.3	50.0	50.1	50.2	50.3	50.4	50.4	50.4	50.5	50.6	51.0
	47.7	49.9	50.0	50.1	50.2	50.3	50.4	50.4	50.4	50.5	50.5	51.0
	47.2	49.8	50.0	50.1	50.2	50.3	50.4	50.4	50.4	50.5	50.6	51.0
-	43.7	50.2	50.4	50.5	50.5	50.3	50.9	50.9	50.9	51.0	51.1	51.4
,	53.)	53.5	53.4	53.9	54.0	54.1	54.2	54.2	54.2	54.3	54.4	54.7
٠	54.4	54.9	55.2	55.3	55.4	55.5	55.6	55.5	55.6	55.7	55.3	56.1
•	53.7	59.4	59.3	50.0	50.1	50.2	50.3	69.3	60.3	50.4	60.5	60.9
	51.3	52.5	62.9	53.1	53.2	63.3	63.4	63.4	53.4	63.5	53.7	54.0
	53.3	54.4	54.3	65.1	65.2	65.3	55.4	55.4	65.4	65.5	65.5	65.9
	57.4	54.1	63.7	53.3	59.9	59.1	59.2	67.2	59.2	53.4	59.5	59.B
	13.7	70.5	71.3	71.5	71.5	71.7	71.4	71.3	71.8	71.7	72.0	72.4
	77.5	73.1	73.9	74.3	74.4	74.5	74.5	74.5	74.5	74.7	74.3	75.2
	74.2	74.9	75.5	75.0	76.1	75.2	75.3	75.3	76.3	76.5	76.5	76.9
	77.3	77.5	75.4	78.5	73.9	79.0	79.1	79.1	79.1	79.2	79.4	19.7
	21.2	79.3	40.)	21.5	31.5	81.8	41.9	31.3	21.9	42.0	42.2	42.5
	: 7. ^	42.7	43.7	94.4	34.5	44.7	A4.4	94.4	Ω4 <u>,</u> u	84.9	35.1	95.5
	52.5	43.1	94.1	84.9	44.7	35.2	85.3	85.3	85.3	85.4	35.5	85.9
,	15.2	a7.2	ਰੇੜ•4	39.1	37.2	A9.5	89.6	89.5	89.6	8 9.7	39•B	90•2
	11.5	39.7	90.9	91.3	91.9	92.2	92.3	92.3	92.3	92.4	92.5	92.9
ŀ	11.6	93.9	92.2	93.1	93.3	23.5	03.0	93.9	93.9	34.0	94.1	94.5
	4) ·)	21.2	92.9	93.9	14.1	74.3	94.5	94.5	94.6	34.7	94.4	95.3
•	97.3	91.7	93.5	94.5	74.7	95.1	95.4	95,4	95.4	95.5	95.5	95.0
ł	91.3	92.7	34.5	95.7	95.9	75.3	70.7	95.7	95.7	95.8	96.9	97.3
	91.4	93.1	95.3	90.3	96.7	97.2	97.5	97.5	97.5	97.6	97.7	98.2
	11.7	73.4	25.5	35.3	77.1	07.7	24.5	92.3	99.4	98.5	99.6	99.0
	71.7	73.4	95.5	36.9	97.2	38.J	94.4	98.5	38.6	38.7	93.A	99.2
	91.7	93.4	95.7	37.0	97.3	a8.2	98.7	98.	98.9	99.0	97.2	99.8
	11.7	93.4	95.7	97.0	97.3	93.2	98.9	99.0	99.1	99.2	99.5	100.0
	71.7	93.4	95.7	97.0	97.3	98,2	93.9	39. 0	99.1	99.2	99.5	100.0
	31.7	93.4	35.7	97.C	27.3	29.2	વવ.વ	99.0	99.1	99.2	99.5	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS A USAFETAG, ASHEVILLE NO FROM HOURLY OBSERVATIONS

STA	ITION N	10MR531	724285		TO UTC:	-	CENBACKE	R ANGB	gн		PERIOD MONTH:	OF REC	ORD: .
65.		• • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	47.67.074.7	*****		*****	• • • • • • •	• • • • • •	• • • • • • •
_	LING	c -	55	38	c =		/ISIBILI		_		. -		o -
	14 FF T	or _a			SΕ	3E	GE 43	g =	. GE		65	SF	G C
		7	5	5	4	3	2 1/2	2		1 1/4		3/4	5/8
• • •	•••••	• • • • • •	• • • • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••
ND	CEIL	41.3	42.5	43.3	43.7	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE	20000	45.7	43.5	49.5	49.9	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5
SE	13000	46.7	44.3	40.5	49.7	5).3	50.5	57.5	50.5	50.5	50.5	50.5	50.5
SE	15000	46.7	43.3	49.5	49.9	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE	14000	45.9	43.5	49.7	50.1	50.5	50.8	50.4	50.8	50.8	50.8	50.8	50.8
-	12000	47.5	49.1	50.3	50.9	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5
							. •			. • • •			. •
GE	10000	20.3	52.3	53.3	53.9	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5
35	9333	51.7	53.7	54.0	55.5	55.7	55.1	55.1	55.1	55.1	56.1	55 · I	55.1
GF	9000	55.1	57.2	53.3	59.4	59.8	60.0	50.0	50.0	50.0	60.0	60.0	50.1
SE	7000	56.5	52.7	50.8	61.3	51.7	51.9	61.7	51.9	61.9	51.9	61.9	61.9
GE	6000	50.6	55.9	61.2	51.7	52.2	62.4	62.4	52.4	62.4	62.4	62.4	52.4
SΕ	5000	53.3	51.0	63.4	64.0	54.5	54.7	64.7	54.7	04.7	64.7	64.7	54.7
7,5	4577	59.7	42.5	55.1	55.5	55.1	55.3	65.3	66.3	56.3	56.3	66.3	55.3
35	4000	63.3	56.1	54.7	59.4	57.9	70.1	70.2	77.2	79.2	70.2	70.2	70.2
7,0	3500	66.2	49.2	71.9	72.7	73.3	73.5	73.3	73.8	73.8	73.8	73.9	73. □
GE	3000	71.7	74.3	77.7	75.5	79.1	79.5	77.0	79.8	79.8	79.5	79.8	79.8
űŁ	2500	75.4	74.7	31.9	33.2	34.2	34.5	84.9	35.1	85.1	65.1	45.1	35.1
SF	2000	77.7	2, 3 ₄ 4	44.1	45.4	35.3	56.7	87.2	" 7 • 3	37.3	37.3	A7.3	₽7. A
35	1800	77.5	51.0	44.8	°6.3	97.3	87.5	88.2	89.3	88.3	성성 • 3	89.3	59.3
35	1500	79.4	32.4	37.1	45.6	90.0	90.4	91.1	91.4	71.4	91.4	91.4	91.4
GE	1200	30.1	14.4	39.5	91.0	92.7	93.4	94.5	94.9	95.1	95.1	95.1	95.1
				22.0	21. (12		55 (0 : 1				
35	1000	10.2	34.7	90.0	91.5	33.4	34.4	95.5	95.)	20.1	96.1	95.1	95.1
7,r	700	40.4	55.3 3.3	17.5	32.2	94.0	95.3	95.5	27.3	37.4	97.4	07.4	97.4
35	900	91.0	45.7	91.2	92.9	94.7	96.2	G4.9	98.5	98.7	99.7	98.7	98.7
GE	700	91.0	15.7	91.3	93.1	95.1	96.6	93.3	99.0	39.4	99.5	99.5	99.5
SE	600	51.0	35.7	91.3	93.1	95.1	95.6	98.3	99.1	99.5	99.5	94.7	99.7
GE	533	41.0	35.7	91.3	93.2	95.2	95.7	94.4	99.2	99.7	99.3	99.9	99.3
7,5	400	81.0	÷5.7	91.3	93.2	95.2	96.7	99.4	29.4	39.8	29.9	100.0	100.0
Gr	300	81.0	45.7	91.3	93.2	95.2	96.7	93.4	99.4	99.B	99.9	100.0	190.0
GE	5 30	31.0	35.7	91.3	93.2	95.2	96.7	98.4	99.4	99.3	99.7	100.0	100.0
GE	100	11.0	35.7	91.3	93.2	95.2	95.7	98.4	99.4	99.5	99.9	100.0	100.0
g =	202	21.7	35.7	91.3	73.7	25.2	95.7	74.4	99.4	3 9.ત	29.9	100.0	100.0
• • •	• • • • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •		• • • • •	• • • • • •	• • • • • •	• • • • • •

TOTAL NUMBER OF DESERVATIONS 930

FROM HOURLY 03 SERVATIONS

							HINDM		HOURS:	• • • • • •			
			VISIBILI	TY IN	STATUTE	MILFS							
	SE	SE	GE	GE.	SE	GE	G =	SF		SE	GE	SE	GE
	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
•	• • • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •
	43.7	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
	49.9	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
	49.7	5).3	50.5	57.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
	49.9	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
	50.1	50.5	50.8	50.9	50.8	50.8	50.8	50.5	50.8	50.8	50.8	50.8	50.8
	50.9	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
	53.9	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
	55.5	55.9	55.1	55.1	56.1	55.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
	59.4	59.8	60.0	50.0	60.0	50.0	50.0	60.0	50.0	60.0	50.0	60.0	60.0
	51.3	61.7	51.9	61.9	51.9	61.9	51.9	61.9	61.9	61.9	61.9	61.9	61.9
	51.7	52.2	62.4	62.4	52.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
	54.0	54.5	54.7	64.7	54.7	04.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
	55.5	55.1	55.3	55.3	65.3	56.3	56.3	66.3	66.3	66.3	55.3	56.3	66.3
	50.4	59.9	70.1	70.2	79.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
	72.7	73.3	73.5	73.3	73.8	73.8	73.8	73.8	73.5	73.8	73.9	73.8	73.8
	75.5	79.1	79.5	79.8	79.8	79.8	79.3	79.8	79.8	79.8	79.8	79.8	79.8
	33.2	34.2	34.5	84.9	45.1	85.1	85.1	85.1	85.1	85.1	35.1	85.1	85.1
	5.4	35.3	86.7	87.2	97.3	87.3	57.3	87.3	87.3	87.3	87.3	87.3	87.3
	06.3	37.3	87.6	88.2	49.3	88.3	84.3	88.3	88.3	88.3	88.3	88.3	88.3
	45.5	90.0	90.4	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
	91.0	92.7	93.4	94.5	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
	91.5	93.4	34.4	95.6	96.0	90.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
	12.2	14.0	95.3	95.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
	92.9	94.7	96.2	98.0	98.6	98.7	99.7	98.7	98.7	98.7	98.7	98.7	98.7
	93.1	95.1	96.5	99.3	99.0	39.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	93.1	75.1	96.6	98.3	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
	93.2	95.2	95.7	93.4	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
	13.2	95.2	96.7	98.4	99.4	79.8	29.9	100.0	100.0	100.0	100.0	100.0	100.0
	73.2	95.2	95.7	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	13.2	95.2	96.7	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	93.2	95.2	95.7	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	13.7	25.2	96.7	78.4	99.4	39. 8	29.9	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIB USAFETAC. ASHEVILLE NO FROM HOURLY OBSERVATIONS

			724285	LST	TO UTC	+ 5					MONTH:	DCT	CORD: M HOURS:	
	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		VISIBILI				• • • • • • •	• • • • • •	• • • • • • •	••••
	N	G=	SE	SE	GE	SE	GE	SE	GE	SE	GE	GE	GE	55
E 6	ΕT	7	4	5	4	3	2 1/2	2	1 1/2			3/4	5/3	1/4
• • •														
					_									
NO	CEIL	43.4	44.4	44.9	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.
GE	20000	51.9	53.1	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.
	18000	52.0	53.2	54.0	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.
SE	15000	52.0	53.2	54.0	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.
GE	14000	52.6	53.8	54.5	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.
GE	12000	53.9	55.2	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	55.
a =	10000	54.3	56.5	57.5	57.3	53.0	58.0	55.0	58.0	58.0	59.0	58.0	58.0	59.
35	9000	55.0	57.5	53.7	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.
G.E	8000	59.3	52.2	53.4	53.3	63.9	63.9	63.9	53.9	53.9	53.9	63.9	53.9	63.
GE	7000	61.9	63.8	65.2	65.5	55.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.
GE	6000	62.9	54.7	66.1	65.5	66.7	56.8	66.8	66.8	66.8	66.3	65.8	66.8	66.
-	•••	3-17							****	,	0000	0007		331
SE	5000	63.0	55.8	57.5	58.1	68.3	68.4	68.4	68.4	58.4	68.4	63.4	58.4	65.
SE	4500	65.2	57.4	59.1	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.
GE	4000	69.7	72.2	74.0	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.
GE	3500	73.5	76.2	78.1	79.5	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.
GE	3000	78.0	30.9	32.5	84.2	34.7	84.8	84.8	84.8	84.8	84.3	84.8	84.8	84.
G =	2500	80.3	34.0	35.3	38.1	83.8	38.9	88.9	89.9	39.9	85.9	99.9	88.9	68 .
ģç	2200	82.5	46.0	38.9	90.5	91.5	91.7	92.0	92.2	92.3	92.3	92.3	92.3	92.
SE	1900	82.8	86.3	39.4	91.1	91.9	92.2	92.5	92.6	92.7	92.7	92.7	92.7	92.
GE	1500	83.0	36.9	89.9	91.7	93.4	93.7	94.2	94.3	94.4	94.4	94.4	94.4	94.
GE	1200	63.9	38.0	91.1	92.9	94.9	95.3	96.1	96.2	96.3	96.3	96.3	96.3	96.
GE	1000	63.0	23.1	91.4	93.4	95.9	96.3	97.5	97.6	97.7	37.7	97.7	97.7	97.
SE	300	84・1	33.3	91.6	93.7	95.1	96.6	97.7	97.8	98.0	98.0	98.0	99.0	9 B .
GF	800	84.3	83.7	92.0	94.2	96.9	97.4	98.5	98.9	98.9	98.9	98.9	98.9	9₽.
GE	700	34.3	33.7	92.2	94.4	97.2	97.7	99.0	99.2	99.4	99.4	99.4	99.4	99.
GE	600	84.3	88 .7	92.2	94.4	97.4	95.2	99.5	99.9	100.0	100.0	100.0	100.0	100.
GE	500	84.3	33.7	22.2	94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.
GE	400	84.3	88.7	32.2	94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.
35	300	84.3	98.7	92.2	94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.
GE	200	84.3	38.7	92.2	94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.
GE	100	54.3	98.7	92.2	94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.
GE	200	94.3	93.7	32.2	94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100
• • •	,,,,,				7 7.7	71.4	79+4	77.7	77.7		190.0		100.0	100.
					-	, +								

TOTAL NUMBER OF DBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DOSSERVATIONS

יסדט פד	+ 5	KENBACKE				MONTH:	OCT	ORD: M	15-17			
• • • • • • •		VISIBILI				• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •
SE	SE	GE	SE	514101E		٥Ē	GE	GE	GE	GE	GE	GE
4,	3	2 1/2	2	1 1/2			3/4	5/8	1/2	3/8	1/4	0
••••			••••				•••••			••••		
45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
54.3	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
55 • 2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
57.3	53.0	58.0	59.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
53.3	63.9	53.9	63.9	53.9	53.9	53.9	63.9	53.9	63.9	63.9	63.9	63.9
65.5	55.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
55.5	66.7	66.8	66.8	66.8	66.8	66.3	66.8	66.8	66.8	66.8	66.8	66.8
5× . 1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	58.4	69.4	58.4	68.4	68.4
70.3	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
34.2	34.7	84.8	84.8	84.8	84.8	84.3	84.8	84.8	84.8	84.8	84.8	84.8
38.1	33.d	33.9	88.7	89.9	33.9	ନ୍ୟୁ ବ	99.9	88.9	88.9	38.9	98.9	88.9
90.5	91.5	91.7	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
$\gamma_{1,1}$	91.9		92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
91.7	93.4	93.7	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
92.9	94.9	95.3	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
93.4	95.9	96.3	97.5	97.5	37.7	37.7	97.7	97.7	97.7	97.7	97.7	97.7
93.7	95.1	96.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
24.2	95.9	97.4	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
34.4	97.2	97.7	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
94.4	97.4	93.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
34.4	97.4	98.2	99.5	99.9	100.0	120.0	100.0	100.0	100.0	100.0	100.0	100.0
94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
94.4	97.4	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
94.4	97.4	98.2	99.5	99,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
• • • • • • •	• • • • • •	• • • • • • •	••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •			• • • • •

--- PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSU USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: LST TO UTC: + 5 MONTH: OCT HOUR VISIBILITY IN STATUTE MILES CEILING IN GE G.F. SE GE GΕ GΕ GE GE Gŧ 5 4 1 1/2 1 1/4 FEET 3 2 1/2 2 5/: 7 5 1 3/4 NU CEIL 47.2 47.3 48.0 45.0 48.3 48.3 48.3 48.3 48.3 55.7 55**.7** 53.5 54.8 55.1 56.0 56.0 56. GE 20000 52.0 56.0 56.0 56.0 18000 52.0 53.5 54.3 55.1 55.7 55.7 56.0 55.0 55.0 56.0 56.9 56. 54.8 SE 16000 52.0 53.5 55.1 55.7 55.7 56.0 55.0 56.0 55.0 56. 56.0 56.3 SE 14000 52.4 53.9 55.2 55.4 56.0 56.0 56.3 56.3 56.3 56.3 56. GE 12000 54.3 56.5 56.8 56.8 56.8 56.8 55. 52.8 55.6 55.8 56.5 56.8 GE 10000 55.4 57.0 58.3 58.5 59.1 59.1 59.5 59.5 59.5 59.5 59.5 59. 59.7 53.6 59.9 59,9 59. 57.4 59.6 59.9 SE 9000 55.8 58.9 59.9 59.9 GE 8000 58.5 50.2 51.3 62.0 62.9 63.2 63.2 63.2 63.2 63.2 62.9 63. GF 7000 59.7 54.5 61.3 53.0 63.4 54.3 54.3 54.5 54.6 64.6 54.6 64. 6000 62.7 54.4 64.8 65.7 66.0 66.0 65.0 66.0 66. 68.9 GE 5000 55.3 68.3 69.9 59.9 70.2 70.2 70.2 70.2 70.2 70. 71.5 73. GE 4500 67.5 59.5 72.3 73.5 73.5 73.9 73.9 73.9 73.9 73.9 SE 4000 73.9 78.3 78.3 79.5 78.5 78.6 78.6 75.8 78.6 71.5 76.9 78. 82.8 82.9 GE 3500 74.8 77.2 79.5 80.9 82.5 82.5 92.8 32.9 92.9 82. 77.0 79.5 83.7 GE 3000 81.9 85.7 86.0 86.6 86.5 36.6 86.6 86.6 86. GE 2500 79.1 32.0 34.7 36.7 89.0 89.6 90.1 90.1 90.1 90.1 90.1 90. 92. SE 2000 50.3 04.1 37.0 39.0 91.6 92.2 92.3 92.8 72.9 92.3 92.8 93. SE 94.4 37.3 92.2 92.7 93:4 93.4 93.4 1800 81.1 89.4 93.4 93.4 93.3 GF 1500 81.5 35.1 98.1 90.3 94.0 94.3 94.8 94.3 94.8 94.9 94. 1200 GE 81.9 35.5 33.6 91.0 94.4 95.2 96.5 96.7 96.7 96.7 96.7 95. 98. 96.6 GE 1000 81.9 35.7 38.9 91.5 95.8 93.1 98.3 98.3 98.3 98.3 98.9 1.80 98.3 98.3 98.3 GF 900 81.9 25.7 95.8 96.6 98.3 98. 91.5 GF 81.9 85.7 96.1 99.3 800 38.3 91.6 96.9 99.1 99.1 99.1 99.1 99. 39.1 99.7 SE 700 81.9 91.8 99.7 99.7 99.7 99. 85.8 96.6 97.3 99.4 99. GE 600 81.9 99.8 99.8 85.8 89.1 91.9 96.7 97.4 99.5 99.8 99.8 97.4 99. 99.5 GE 500 31.9 95.8 96.7 99.5 99.8 99.8 99.8 89.1 91.9 99. SE 400 P1.9 45.A 39.1 96.7 97.4 99.5 99.9 99.8 99.3 91.9 99.8 99.8 99.1 95.7 97.4 SE 300 81.9 95.8 91.9 99.5 100.0 100.0 100.0 100. 81.3 89.1 GE 200 35.8 91.9 96.7 97.4 99.5 99.8 100.0 100.0 100.0 100. 100 81.9 95.8 89.1 96.7 97.4 99.5 99.8 GE 100.0 100.0 100.0 100. 91.9 99.5 CC 202 81.9 35.9 39.1 97.4 99.8

TOTAL NUMBER OF DOSERVATIONS 930

91.9

96.7

Ł

-

100.0

100.0

100.0

100.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

ATION: NAS T TO UTC:	_	KENBACKE	R ANGB	ОН		PERIOD MONTH:		ORD: M HOURS:	AR 78 - 18-20	FEB 88		
		VISISIL I	TY IN	STATUTE	MILES	• • • • • • •					• • • • • •	
GF 4	GE 3	GE 2 1/2	GE 2		GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	3/8	GE 1/4	GE O
47.3	48.0	48.0	48.3	48.3	48.3	48.3	48.3		48.3	48.3	48.3	48.3
55.1 55.1 55.1	55.7 55.7 55.7	55.7 55.7	56.0 56.0 56.0	56.0 56.0 56.0	56.0 56.0 56.0	56.0 56.0 56.0	56.0 56.0 56.0	56.0 56.0 56.0	56.0 56.0 55.0	56.0 56.0 56.0	56.0 56.0 56.0	56.0 56.0 56.0
55.4 55.8	56.0 56.5	56.0 56.5	56.3 56.8	56.3 56.8	56.3 56.8	56.3 56.8	56.3 56.8	56.3 56.8	56.3 56.8	56.3 56.8	56.3 56.8	56.3 56.8
59.5 59.9 62.0	59.1 59.6 62.9	59.1 59.6 62.9	59.5 59.9 63.2	59.5 59.9 63.2	59.5 59.9 63.2	59.5 59.9 63.2	59.5 59.9 63.2	59.5 59.9 63.2	59.5 59.9 63.2	59.5 59.9 63.2	59.5 59.9 63.2	59.5 59.9 63.2
63.4 54.8	54.3 65.7	54.3 55.7	54.6	54.6 66.0	54.6 66.0	64.6	64.6	64.6 66.0	64.6 66.0	64.6	64.5	64.6
68.9 72.3 76.9	69.9 73.5 73.3	69.9 73.5 78.3	70.2 73.9 73.5	70.2 73.9 78.6	70.2 73.9 78.6	70.2 73.9 78.6	70.2 73.9 78.6	70.2 73.9 78.6	70.2 73.9 78.6	70.2 73.9 78.6	70.2 73.9 78.6	70.2 73.9 79.6
50.7 83.7	82.5 85.7	82.5 86.0	82.8 86.6	32.8 86.6	32.8 86.6	92.9 86.6	82.9 86.6	82.8 86.6	82.8 86.6	82.8 86.6	82.8 86.6	82.8 86.6
35.7 39.0 8 3. 4	89.0 91.6 92.2	89.6 92.2 92.7	90.1 92.3 93.4	90.1 92.8 93.4	90.1 72.9 93.4	90.1 92.8 93.4	90.1 92.8 93.4	90.1 92.9 93.4	90.1 92.8 93.4	90.1 92.8 93.4	90.1 92.8 93.4	90.1 92.8 93.4
91.0	93.3	94.0 95.2	94.8 96.5	94.8 96.7	94.3 96.7	94.8 96.7	94.8 96.7	94.8 96.7	94.8 96.7	94.8 95.7	94.8 96.7	94.8 96.7
91.6 91.6 91.6	95.8 95.8 96.1			98.3 98.3 99.1	98.3 98.3 99.1	98.3 98.3 99.1	98.3 98.3 99.1	98.3 98.3 99.1	98.3 98.3 99.1	98.3 98.3 99.1	98.3 98.3 99.1	98.3 98.3 99.1
91.9	96.6 96.7	97.3 97.4	99.4	99.7	99.7 99.8	99.7	99.7	99.7 99.8	99.7 99.8	99.7	99.7	99.7 99.8
91.9 71.9 91.9	96.7 95.7 96.7		99.5 99.5	99.8 99.8 99.8	99.8 99.8 100.0							
91.9	96.7 96.7	97.4 97.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
91.9	96.7	97.4 •••••	99.5	99.3	190.0	100.5	100.0	100.0	100.0	100.0	100.0	100.0

DPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISUSAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION N	IOMBER:		LST	TO UTC	: + 5					:HTMCM	OCT	ORD: MAR HOURS: 21
CEILING	•••••	• • • • • • •	• • • • • •	• • • • • • •		VISIBILI				• • • • • • •		********
IN	GE	35	GE	GF		GE	GΕ	SE	GF	GE	GE	GF
FEET	7	5	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/ 8
• • • • • • • • •	• • • • • •	• • • • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • •		• • • • • • •	• • • • • •	• • • • • • • •
NO CEIL	49.4	50.1	50.8	51.6	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6
SE 20000	52.4	53.4	54.5	55.4	56.2	56.3	56.5	55.5	55.5	56.5	56.5	56.5
SE 18000	52.4	53.4	54.5	55.4	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5
GF 16000	52.4	53.4	54.5	55.4	55.2	56.3	56.5	55.5	56.5	56.5	56.5	56.5
GE 14000	52.5	53.5	54.7	55.6	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7
GE 12000	53.0	54.1	55.3	56.1	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2
SE 10000	55.7	57.7	58.9	59.8	50.3	60.9	51.2	51.2	51.2	61.2	51.2	61.2
SE 10000	57.4	52.5	59 .7	50.5	61.5	61.6	51.9	51.4	51.9	51•3	61.9	61.9
SE 8000	59.2	50.3	51.3	63.0	64.2	54.3	64.5	54.6	54.5	54.5	54.6	64.5
GE 7000	60.2	61.3	62.9	64.5	65.7	65.8	66.1	66.1	66.1	66.1	65.1	66.1
GE 6000	51.4	52.5	64.3	65.9	67.1	67.2	67.5	67.5	67.5	67.5	67.5	67.5
0L 0000	01.4	96.	97.5	00.7	0141	01.62	01.0	01.0	0145	0117	0,.,	01.0
SE 5000	65.4	65.7	53.7	70.5	71.9	72.0	72.4	72.4	72.4	72.4	72.4	72.4
GE 4500	69.6	71.0	73.0	75.1	75.6	76.9	77.3	77.3	77.3	77.3	77.3	77.3
GE 4000	73.8	75.3	77.4	79.7	91.2	81.5	81.9	81.9	91.9	81.9	81.9	81.9
GE 3500	75.6	77.4	79.8	82.5	84.2	84.5	84.9	84.9	84.9	84.9	84.9	84.9
GE 3000	77.3	79.4	31.8	85.1	87.4	87.8	88.3	88.3	99.3	88.3	88.3	88.3
25 3522	78.3		32.0		22.2	00.4	0. 1		31 3	0.0		
SE 2500		31.3	33.9	* 87.3	90.2	90.6	91.2	91.2	71.2	91.2	91.2	91.2
SE 2000	80.2	32.7	95.5	37.5	92.3	92.7	93.2	73.2	73.2	93.2	93.2	93.2
GE 1800	80.2	92.7	85.5	89.7	92.4	92.8		93.3	93.3	73.3	93.3	93.3
GE 1500	31.1	33.7	86.6	90.8	93.4	93.9	94.5	94.5	94.5	94.5	94.5	94.6
GE 1200	81.4	34.0	a 7. 0	91.3	94.2	94.5	95.3	95.3	95.3	95.3	95.3	95.4
GF 1000	81.5	34.2	97.4	91.3	94.9	95.4	96.3	96.3	95.3	95.3	95.3	36.5
SE 900	81.6	34.3	37.5	72.4	95.5	95.9	96.9	95.9	96.9	95.9	95.9	97.0
SE 800	81.5	84.3	87.5	92.7	95.2	96.7	97.6	97.7	97.7	97.7	97.7	97.8
GE 700	81.6	34.4	88.2	93.2	96.9	97.3	98.4	98.5	98.5	98.5	93.5	98.6
GE 600	81.5	34.4	88.2	93.3	97.0	97.4	98.6	98.7	98.8	98.8	98.8	98.9
35 500	_		~ ~ ~							_		
GF 500	81.5	74.4	33.2	93.4	97.1	97.5	99.0	99.1	39.2	33.2	99.2	99.4
GF 400	81.5	94.4	43.2	93.4	97.1	97.5	99.0	99.1	99.2	99.2	99.4	99.5
3F 300	81.6	84.4	39.2	93.4	97.1	97.5	99.0	99.1	99.5	99.5	99.6	99.7
GE 200	81.5	94.4	88.2	93.4	97.1	97.5	99.0	99.1	99.5	99.5	99.6	99.7
GE 100	81.6	34.4	88•2	93.4	97.1	97.5	99.0	99.1	99.5	99.5	99.6	99.7
SF 100	81.5	94.4	33.2	93.4	97.1	97.5	99.0	99.1	79.5	99.5	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

MAR ROTT SOTU OT	+ 5	KENBACKE		_		MONTH:		HOURS:	21-23	FEB 88		
• • • • • • •		VISTBILI				• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	••••	• • • • •
3°	SE	GE	GΕ	SE	G.F	GE	GE	GE	GF	G⊑	ĢE	GE
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
								• • • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • •
			·	.					co =	co =		
51.6	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.8
C5.4	55.2	56.3	56.5	55.5	55.5	56.5	56.5	56.5	56.6	56.6	56.6	56.7
F5.4	55.2	56.3	56.5	55.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.7
55.4	55.2	56.3	55.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.7
55.5	55.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.9
56.1	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.4
59.8	60.3	60.9	51.2	51.2	51.2	51.2	61.2	61.2	61.3	61.3	61.3	61.4
50.5	61.5	61.6	51.9	51.9	61.9	51.9	61.9	61.9	62.0	62.0	62.0	62.2
63.9	64.2	54.3	64.6	64.6	54.6	54.5	64.6	64.6	64.7	54.7	64.7	64.8
54.5	65.7	65.8	66.1	56.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.3
55.9	67.1	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.7
10.7	71 0	72.0	73 /	72.4	77 (77 /	72 (72 /	72 6	73 6	72 6	72.6
70.5	71.9	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	
75.1	75.6	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4 82.0	77.4 92.0	77.5 82.2
79.7	91.2	81.5	81.9	81.9	81.9	31.9	81.9	81.9	82.0			
32.5	84.2	84.5	34.9	84.9	84.9	84.9	84.9	84.9	85.1 88.4	85.1 88.4	85.1 88.4	85.2 88.5
d5 • 1	87.4	87.8	88.3	88.3	88.3	88.3	88.3	88.3	00 • 4		00.4	50.7
#7.3	90.2	90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.4
39.5	92.3	92.7	93.2	23.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.4
39.7	92.4		93.3	93.3	93.3		93.3	93.3	93.4	93.4	93.4	93.5
90.8	93.4	93.9	94.5	94.5	94.5	94.5	94.5	94.6	94.7	94.7	94.7	94.8
91.3	94.2	94.5	95.3	95.3	95.3	95.3	95.3	95.4	95.5	95.5	95.5	95.6
	0.0	05 /	0()	04.3	27.3	01. 3	04.3	04 5	04.4	04.4	04.4	04.3
91.4 22.4	94.9	95.4	96.3	96.3	95.3	95.3	96.3	96.5	96.6	96.5	96.6	96.7
77.4	95.5	95.9	96.9	95.9	96.9	96.9	96.9	97.0	97.1	97.1	97.1	97.2 98.1
92.7	95.2	96.7	97.6	97.7	97.7	97.7	97.7	97.8	98.0 99.7	98.0	98.0	
93.2	96.9	97.3	98.4	98.5	98.5	98.5	98.5	98.6		93.7 99.0	98.7 99.0	98.8 99.1
93.3	97.0	97.4	98.6	98.7	98.8	98.8	98.8	98.9	99.0	77.0	99.0	77.1
13.4	97.1	97.5	99.0	99.1	39.2	99.2	99.2	99.4	99,5	99.5	99.5	99.5
93.4	97.1	97.5	99.0	99.1	99.2	99.2	99.4	99.5	99.6	99.6	99.6	99.7
93.4	97.1	97.5	99.0	99.1	79.5	99.5	99.6	99.7	99.8	99.8	99.8	99.9
93.4	97.1	97.5	99.0	99.1	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.9
93.4	97.1	97.5	99.0	99.1	99.5	99.5	99.6	99.7	99.€	99.8	99.5	99.9
93.4	97.1	97.5	99.0	99.1	79.5	99.5	99.6	99.7	99.8	99.8	99.8	100.0
• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •

6.6683

USAFETAC, ASHEVILLE NO PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIS FROM HOURLY DESCRIPTIONS

STATION N			LST	TO UTC	: + 5							ORD: MA	
CEILING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		VISIBILI				• • • • • •	• • • • • • •	• • • • • • •	• • • •
IN	GΕ	g e	GE	GE	GE	GE	G€	GE	GE	GE	GF	GE	G
FEET	7	4	5	4	3	2 1/2	2		1 1/4	ì	3/4	5/3	1/
• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • •
NO CEIL	42.5	43.8	45.2	46.1	47.1	47.3	47.8	48.0	48.1	48.3	48.5	48.5	49
GE 20000	45.8	43.4	50.0	51.0	52.1	52.3	52.9	53.0	53.2	53.3	53.5	53.5	53
GE 13000	46.9	43.4	50.1	51.1	52.1	52.4	52.9	53.1	53.2	53.4	53.5	53.5	53
GE 16000	46.9	48.4	50.1	51.1	52.1	52.4	52.9	53.1	53.2	53.4	53.5	53.5	53
SE 14000	47.0	43.6	50.2	51.2	52.3	52.6	53.1	53.3	53.4	53.5	53.7	53.7	53
GE 12000	47.6	49.3	50.9	51.9	53.0	53.2	53.8	53.9	54.1	54.2	54.4	54.4	54
GE 10000	50.0	51.7	53.5	54.5	55.7	55.9	56.5	56.7	56.7	57.0	57.2	57.2	51
SE 9000	51.0	52.3	54.7	55.3	55.9	57.2	57.8	58.0	59.1	58.3	58.5	58.5	53
GE 9000	54.2	56.1	58.2	59.4	60.7	61.0	61.6	61.8	62.0	62.2	62.4	52.4	62
GF 7000	55.7	57.7	59.9	61.3	62.6	62.9	63.5	53.8	64.0	64.1	64.3	64.3	64
GE 6000	56.9	59.0	51.3	52.7	64.1	64.4	65.1	65.3	65.5	65.6	65.3	65. 8	65
GE 5000	50.3	52.5	55.2	66.8	63.4	58.7	69.4	59.6	69.8	70.0	70.2	70.2	7 0
GE 4500	62.7	65.1	67.3	59.5	71.3	71.6	72.4	72.6	72.0	73.0	73.2	73.2	73
GE 4000	65.5	58.1	70.9	72.8	74.7	75.0	75.8	76.1	76.3	76.5	76 .7	76.7	76
SF 3500	67.5	70.3	73.2	75.4	77.4	77.8	78.7	79.0	79.2	79.3	79.6	79.6	7 9
GE 3000	70.2	73.1	76.2	78.5	80.9	81.4	82.3	92.6	92.8	83.0	83.2	83.2	83
GE 2500	72.1	75.3	73.6	31.3	33.9	34.4	65.4	35.5	36.0	85.2	86.5	86.5	đá
SE 2000	73.5	75.9	30.6	33.3	85.2	86.7	37.9	93.3	38.5	88.7	89.0	39.0	8 4
GE 1900	73.8	77.1	30 . 9	93.7	35.6	87.1	88.2	38.7	38.9	39.1	89.4	89.4	89
SE 1500	74.5	73.2	32.2	85.2	88.5	89.1	90.3	90.8	91.0	91.3	91.5	91.5	91
GE 1200	75.2	79.1	83.3	86.4	90.0	90.8	92.1	92.7	92.9	93.1	93.4	93.5	93
GE 1000	75.5	79.5	34.0	37.2	91.1	91.9	93.4	94.0	94.2	94.5	94.3	94.8	94
35 900	75.9	77.7	34.4	H7.7	91.7	92.5	94.2	34.8	95.1	95.3	95.6	95.6	đŧ
GE 800	76 • 1	80.1	84.3	88.3	92.5	93.4	95.2	95.8	96.1	95.3	95.6	96.7	9 €
SE 700	75.2	80.2	35.0	98.5	92.9	93.9	95.8	95.5	96.8	97.1	97.4	97.4	97
GE 600	76.2	30.3	85.0	88 • 7	93.0	94.1	96.1	96.3	97.2	97.5	9 7. 8	97.9	9 :
GE 500	76.2	30.3	85.0	84.7	93.2	94.3	96.3	97.1	97.5	97.3	98.2	98.3	98
SE 400	76.2	30.3	85.0	98.7	93.2	94.3	95.5	97.3	97.7	98.1	93.5	98.5	9.
GE 300	76.2	90.3	85.0	53.7	93.2	74.3	95.5	97.4	97.9	98.3	98.7	98.8	99
GE 200	76.2	30.3	35.0	88.7	93.2	94.3	96.6	97.4	98.0	98.3	98.9	99.0	90
GE 100	76.2	40.3	35.0	89.7	93.2	94.3	96.6	97.4	98.0	99.3	98.9	99.0	95
SF 000	76.2	80.3	35.0	83.7	93.2	94.3	96.6	97.4	98.0	98.3	98.9	99.0	90

TOTAL NUMBER OF OBSERVATIONS 7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

IAN NCI	_	KENBACKE	R ANGB	Эн		-	OF RECO			FEB 88		
•••••		visiaiti	TY IN	STATUTE	MILES		• • • • • • •		• • • • • • •	• • • • • •	• • • • • •	• • • • • •
G E	SE	GE	GE	SE	GE	GE	GF	GE	G€	GE	GE	GE
4	3	2 1/2	2	1 1/2	1 1/4	ì	3/4	5/8	1/2	3/8	1/4	0
	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •					• • • • • • •		• • • • • •	• • • • •
	(7)	. 7 3	(") 3	/ D _ O	40.1	/ () 3	, o =	/ O E	48.5	48.6		48.9
46.1	47.1	47.3	47.8	48.0	48.1	48.3	48.5	48.5	43.0	40.0	48.8	40.7
51.0	52.1	52.3	52.9	53.0	53.2	53.3	53.5	53.5	53.6	53.5	53.8	53.9
51.1	52.1	52.4	52.9	53.1	53.2	53.4	53.5	53.5	53.6	53.7	53.8	54.0
51.1	52.1	52.4	52.9	53.1	53.2	53.4	53.5	53.5	53.6	53.7	53.8	54.0
51.2	52.3	52.6	53.1	53.3	53.4	53.5	53.7	53.7	53.8	53.9	54.0	54.2
51.9	53.0	53.2	53.8	53.9	54.1	54.2	54.4	54.4	54.5	54.5	54.7	54.8
54.5	55.7	55.9	56.5	56.7	56.3	57.0	57.2	57.2	57.3	57.4	57.5	57.6
55.3	55.9	57.2	57.9	58.0	59.1	58.3	53.5	58.5	53.6	53.6	58.8	58.9
59.4	60.7	61.0	61.6	61.8	62.0	52.2	62.4	52.4	62.4	62.5	62.6	62.8
51.3	62.6	52.9	63.5	53.8	64.0	64.1	64.3	64.3	64.4	64.5	64.6	64.3
52.7	64.1	64.4	65.1	65.3	65.5	65.6	65.8	65.8	65.9	66.0	56.1	66.3
~ • •	J	• • • •	03	0,00	,,,,	0,50	0,200	0,50		3343	300.	30.43
55•d	63.4	58 .7	69.4	59.6	69.4	70.0	70.2	70.2	70.2	70.3	70.4	70.5
11.5	71.3	71.6	72.4	72.6	72.8	73.0	73.2	73.2	73.2	73.3	73.4	73.6
72.8	74.7	75.0	75.8	76.1	76.3	76.5	76.7	76.7	76.8	76.9	77.0	77.2
75.4	77.4	77.8	78.7	79.0	79.2	79.3	79.6	79.6	79.7	79.7	79.9	80.0
73.5	80.9	81.4	82.3	32.6	92.8	83.0	83.2	83.2	83.3	83.4	83.5	83.7
:1.3	33.9	34.4	85.4	3 5 .5	36.0	85.2	36.5	86.5	96.6	86.6	86.3	86.9
3.3	35.2	86.7	87.3	93.3	38.5	98.7	89.0	39.0	89.1	39.1	89.3	89.5
23.7	95.6	87.1	85.2	38.7	38.9	39.1	89.4	89.4	89.5	99.5	89.7	89.9
55.2	89.5	89.1	90.3	90.A	91.0	91.3	91.5	91.6	91.7	91.7	91.9	92.1
55.4	90.0	90.8	92.1	92.7	92.9	93.1	93.4	93.5	93.6	93.6	93.8	94.0
1												
37.2	91.1	91.9	93.4	94.0	94.2	94.5	94.3	94.8	94.9	95.0	95 • 2	95.4
17.7	91.7	92.5	94.2	94.8	95.1	95.3	95 • 6	95.6	95.8	95.8	95.0	96.2
34.3	92.5	93.4	95.2	95.8	96.1	96.3	96.6	96.7	96.8	96.9	97.0	97.3
19.5	92.9	93.9	95.9	96.5	96.8	97.1	97.4	97.4	97.6	97.6	97.8	98.0
30.7	93.0	94.1	96.1	95.3	97.2	97.5	97.8	97.9	98.0	98.1	98.2	98.4
.=.7	93.2	94.3	96.3	97.1	97.5	97.3	98.2	98.3	98.5	98.5	98.7	98.9
34.7	93.2	94.3	95.5	97.3	97.7	99.1	99.5	98.5	98.7	98.8	99.0	99.2
- 3.7	93.2	94.3	95.5	97.4	97.9	98.3	98.7	98.8	99.0	99.1	99.3	99.5
13.7	93.2	94.3	96.6	97.4	98.0	98.3	98.9	99.0	99.2	99.2	99.5	99.8
35.7	93.2	94.3	96.6	97.4	98.0	98.3	98.9	99.0	99.2	99.3	99.5	99.9
- 3.7	93.2	94.3	36.6	97.4	95.0	98.3	98.9	99.0	99.2	97.3	99.5	100.0
<u> </u>	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •

DPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STA	TION N	NUMBER:	724285		TION NAME TO UTC		KENBACKE	R ANGB	DH		PERIOD MONTH:		CORD: MA HOURS: 0	
CET	LING	• • • • • • •	•••••		• • • • • • •		VISIBILI	TY I'N	STATUTE	MTTES	• • • • • • •	• • • • • •	• • • • • • • • •	•
	N	GE	GF	GE	G F.	SE	GE	GE	GE	GE	GE	GE	GE	
_	ĒΤ	7	5	5	4	3	2 1/2	2	1 1/2	1 1/4		3/4	5/3	
											•••••			•
NO	CEIL	38.2	39.2	40.0	40.9	41.7	41.7	42.1	42.1	42.1	42.1	42.1	42.1	
GE	20000	41.9	43.0	43.8	44.8	45.5	45.6	45.0	46.0	46.0	46.0	46.0	46.0	
SE	18000	41.9	43.0	43.3	44.3	45.6	45.6	46.0	46.0	45.0	45.0	46.0	45.0	
GE	16000	41.9	43.0	43.8	44.3	45.6	45.6	45.0	46.0	46.9	45.0	46.0	46.0	
GE	14000	42.1	43.2	44.0	45.0	45.8	45.8	46.2	46.2	46.2	46.2	46.2	46.2	
GE	12000	42.6	43.8	44.6	45.5	45.3	46.3	46.8	46.8	46.3	46.8	45.8	46.8	
SE	10000	44.7	45.1	47.7	48.1	43.9	48.9	49.3	49.3	49.3	49.3	49.3	49.3	
3F	9000	45.9	47.1	48.2	49.3	50.1	50.1	50.5	50.6	50.6	50.6	50.6	50.6	- 1
GE	3000	49.4	49.9	51.0	52.3	53.2	53.2	53.7	53.7	53.7	53.7	53.7	53.7	1
GE	7000	50.9	52.5	53.7	55.0	55.9	55.9	56.3	56.3	56.3	55.3	50.3	56.3	1
GE	6000	51.4	53.2	54.3	55.7	55.6	56.6	57.0	57.0	57.0	57.0	57.0	57.0	1
S.E	5000	53.9	55.9	57.0	59.3	59.2	59.2	59.7	59.7	59.7	59.7	59.7	-	,
SE	4500	56.0	59.1	59.2	50.7	51.5	61.6	52.0	52.0	52.0	62.0	62.0	_	
GE	4000	59.3	51.7	43.1	64.9	65.1	66.1	55.6	66.6	56.6	66.6	66.6	66.6	- 1
ÇΕ	3500	61.8	54.5	66.3	63.1	59.3	69.3	69.8	59.8	69.8	69.8	69.8	59.8	
GE	3000	64.8	57.9	59.8	71.8	73.1	73.1	73.6	73.6	73.6	73.6	73.6	73.6	
35	2500	63.5	72.4	74.3	77.0	73.6	73.6	79.0	79.0	79.0	79.0	79.0	79.0	
GE.	2000	71.5	75.9	78.4	21.2	83.0	83.0	83.5	33.6	93.6	93.6	93.5	93.5	
ĞE	1800	71.9	76.2	78.9	91.3	53.6	83.5	34.1	84.1	84.1	94.1	84.1	84.1	,
ĞΕ	1500	74.3	78.9	81.6	84.9	86.9	86.9	87.7	87.7	87.7	67.3	87.8	87.8	í
GE	1200	76.3	30.9	83.8	87.3	89.3	89.6	90.3	90.3	90.3	90.4	90.4	90.4	:
O.L	1200	1515	30.7	5345	3,13	37.3	07.0	70.7	70.3	70.5	70.4	70.4	75.4	
ĊΞ	1000	77.2	32.0	35.9	30.8	92.2	92.5	93.3	93.4	73.4	93.6	93.6	93.6	t
GE	900	77.3	2.1	36.1	90.2	92.7	93.0	93.9	94.0	34.0	94.1	94.1	94.1	•
SE	800	77.4	32.2	86.2	90.6	93.3	93.7	94.7	94.8	94.8	94.9	94.9	94.9	1
GE	700	77.4	82.3	86.9	91.3	94.3	94.7	95.7	95.8	95.8	95.9	95.9	95.9	•
GE	600	77.4	32.3	86.9	91.6	95.0	95.3	96.8	96.9	96.9	97.0	97.0	97.0	1
GE	500	77.4	32.3	35.9	91.6	95.4	95.8	97.7	38.0	98.0	98.1	98.1	98.1	
35	400	77.4	32.3	36.9	91.5	95.8	95.3	98.3	93.8	98.9	99.2	99.2	99.2	1
GE	300	77.4	42.3	86.9	91.5	95.0	96.6	98.7	99.2	99.3	99.7	99.7	99.7	4
GE	200	77.4	32.3	86.9	91.5	95.0	96.6	98.7	99.2	99.3	99.7	99.7	99.7	ı
GE	100	77.4	32.3	35.9	91.5	96.0	96.6	98.7	99.2	99.3	99.7	99.7	99.7	1
35	3 00	77.4	82.3	95.9	91.6	95.0	95.6	98.7	99.2	99.3	99.7	99.7	99.7	ı

TOTAL NUMBER OF DBSERVATIONS 900

PERCENTAGE FREQUENCY OF DCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DBSERVATIONS

TION NAME: RICKENBACKER ANGE OH PERIOD OF RECORD: MAR 78 - FEB 88 MONTH: NOV HOURS: 00-02 TO UTC: + 5 VISIBILITY IN STATUTE MILES GE GF SE GE GE GE GE GE GF GF GE G E 2 1/2 2 1 1/2 1 1/4 1/2 0 40.9 42.2 41.7 41.7 42.1 42.1 42.1 42.1 42.2 42.2 42.2 42.1 42.1 45.5 44.3 45.6 45.0 46.0 46.0 46.0 46.0 46.0 46.1 46.1 46.1 46.1 44.3 45.6 45.5 46.0 45.0 45.0 46.0 46.0 46.0 46.1 46.1 46.1 46.1 45.6 46.0 46.1 44.3 45.6 45.0 46.0 46.9 46.0 46.0 46.1 46.1 46.1 45.0 46.2 45.8 45.8 46.2 46.2 46.3 46.3 46.3 46.2 46.2 46.2 46.3 46.9 46.9 45.5 45.3 46.3 46.8 46.8 46.8 46.8 45.8 46.8 46.9 46.9 49.4 49.4 49.1 49.3 49.4 43.9 48.9 49.3 49.3 49.3 49.3 49.3 49.4 49.3 50.6 50.7 50.1 50.1 50.5 50.6 50.5 50.6 50.5 50.7 50.7 50.7 53.7 53.7 53.8 53.8 52.3 53.2 53.8 53.9 53.2 53.7 53.7 53.7 53.7 55.0 55.9 55.9 56.3 56.3 56.3 55.3 50.3 56.3 56.4 56.4 56.4 56.4 55.7 55.6 56.6 57.0 57.0 57.0 57.1 57.1 57.1 57.1 57.0 57.0 57.0 59.7 59.7 59.7 59.8 39.3 59.2 59.2 59.7 59.7 59.7 59.8 59.9 59.3 50.7 51.5 51.6 62.0 52.0 52.0 62.0 62.0 52.0 52.1 62.1 62.1 62.1 55.1 66.6 65.7 54.9 66.6 66.6 66.6 66.7 56.7 66.7 66.1 56.5 56.6 03.1 59.3 69.3 69.8 59.8 69.8 69.8 69.8 59.8 69.9 69.9 69.9 69.9 73.1 73.1 73.6 73.6 73.5 73.6 73.6 73.6 73.7 73.7 73.7 73.7 71.8 79.1 79.0 79.0 77.0 73.6 78.5 79.0 79.0 79.0 79.0 79.1 79.1 79.1 21.2 93.6 83.6 83.6 83.6 93.7 33.0 83.0 83.5 33.6 83.7 83.7 83.7 91.3 33.6 83.5 84.1 34.1 84.1 94.1 84.1 34.1 34.2 94.2 84.2 84.2 86.9 87.7 87.7 87.8 87.8 87.8 34.9 87.9 87.9 87.9 87.9 86.9 87.7 87.3 89.3 89.6 90.3 90.3 90.3 90.4 90.4 90.4 90.6 90.6 90.6 90.6 93.7 93.6 43.3 22.2 93.3 93.4 93.6 93.6 93.7 93.7 93.7 92.6 73.4 99.2 92.7 93.0 93.9 94.0 94.0 94.1 94.1 94.2 94.2 94.2 94.2 94.1 95.0 90.5 94.9 95.0 94.7 94.8 93,3 93.7 94.8 94.9 95.0 95.0 94.9 95.8 94.3 94.7 95.7 95.8 95.9 95.9 95.9 96.0 96.0 96.0 96.0 91.3 91.5 95.3 97.0 97.1 97.1 97.1 97.1 25.0 96.8 96.9 97.0 96.9 97.0 98.1 98.1 31.5 95.4 95.8 97.7 98.0 98.0 98.1 98.2 98.2 98.2 98.2 99.4 95.3 99.3 99.3 99.2 99.2 91.5 95.3 98.3 93.9 98.9 99.2 99.4 91.5 95.0 96.5 98.7 99.2 99.3 99.7 99.7 99.7 99.8 99.8 99.9 99.9 99.9 99.7 99.7 99.9 95.0 96.6 98.7 99.2 100.0 91.5 99.3 99.7 100.0 99.2 99.3 99.7 99.7 99.9 99.9 91.5 96.0 96.6 98.7 99.7 100.0 100.0 91.5 95.0 98.7 99.2 99.3 99.7 99.7 99.7 99.9 99.9 100.0 100.0 96.5

900

ILIT

3 -

س،

2

?

, . . , 2

. 1

ı İ

. 1

. 3

, 9

, 4

, 7

В

, 4

. 1

. 1

9

. 7

. 1

2

a

4

?

0

0

1

2

3

۹

9

9

UPERATING LOCATION "A" PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VI USAFETAC, ASMEVILLE NO PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VI

CEILING IN
TN
REET 7 6 5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 ND CEIL 37.1 37.9 38.9 39.7 40.9 41.0 41.6 41.6 41.7 41.9 41.9 41.9 SE 20000 30.8 40.8 41.8 42.6 43.8 43.9 44.4 44.4 44.6 44.8 44.8 44.8 65 16000 30.8 40.8 41.8 42.6 43.8 43.9 44.4 44.4 44.6 44.5 44.8 44.8 65 16000 30.8 40.8 41.8 42.6 43.8 43.9 44.4 44.4 44.6 44.8 44.8 44.8 44.8 65 12000 40.0 41.0 42.0 42.9 44.0 44.1 44.7 44.7 44.7 44.9 45.0 45.0 65 12000 40.7 41.7 42.8 43.7 44.9 45.0 45.6 45.6 45.6 45.7 45.9 45.9 45.9 GE 10000 41.3 42.9 44.3 44.9 45.1 40.2 46.8 46.5 45.6 45.7 45.9 45.9 45.9 45.9 45.9 45.9 45.9 45.9
ND CEIL 37.1 37.9 33.9 39.7 40.9 41.0 41.6 41.6 41.7 41.9 41.9 41.9 52 20000 30.3 40.8 41.3 42.6 43.8 43.9 44.4 44.4 44.6 44.8 44.8 44.8 57 19000 30.3 40.8 41.8 42.6 43.8 43.9 44.4 44.4 44.6 44.8 44.8 44.8 57 19000 40.0 41.0 42.0 42.8 43.8 43.9 44.4 44.4 44.6 44.8 44.8 44.8 52 14000 40.0 41.0 42.0 42.8 44.0 44.1 44.7 44.7 44.7 44.9 45.0 45.0 45.0 6E 12000 40.7 41.7 42.8 43.7 44.9 45.0 45.6 45.6 45.7 45.9 45.9 45.9 58.9 58.9 59.9 59.0 45.0 45.0 45.0 59.9 59.0 45.0 45.0 45.0 59.9 59.0 45.0 45.0 59.9 59.0 45.0 45.0 59.9 59.0 45.0 45.0 59.9 59.0 45.0 45.0 59.9 59.0 45.0 45.0 59.9 59.0 45.0 45.0 59.9 59.0 59.3 59.9 59.0 59.3 59.9 59.0 59.3 59.9 59.0 59.3 59.9 59.0 59.3 59.9 59.0 59.3 59.9 59.0 59.3 59.9 59.0 59.3 59.9 59.0 59.3 59.9 59.0 59.3 59.9 59.0 59.3 59.9 59.0 59.3 59.9 59.0 59.3 59.9 59.9 59.0 59.3 59.9 59.9 59.9 59.9 59.9 59.9 59.9
NO CEIL 37.1 37.9 33.9 39.7 40.9 41.0 41.6 41.6 41.7 41.9 41.9 41.9 GE 20000 39.8 40.8 41.8 42.6 43.8 43.9 44.4 44.4 44.6 44.8 44.8 44.8 65 16000 39.8 40.8 41.8 42.6 43.8 43.9 44.4 44.4 44.6 44.8 44.8 44.8 65 16000 40.0 41.0 42.0 42.8 44.0 44.1 44.7 44.7 44.8 45.0 45.0 45.0 6E 12000 40.7 41.7 42.8 43.7 44.9 45.0 45.6 45.6 45.7 45.9 45.9 45.9 GE 10000 41.8 42.9 44.0 44.9 45.1 46.2 46.8 46.8 46.9 47.1 47.1 47.1 6F 9000 45.7 40.9 48.1 49.6 50.8 50.9 51.4 51.6 51.9 51.8 51.9 6E 8000 45.7 40.9 48.1 49.6 50.8 50.9 51.4 51.4 51.6 51.9 51.8 51.9 6E 6000 48.0 49.6 50.8 52.2 53.4 53.6 54.1 54.1 54.2 54.4 54.4 54.4 54.4 66.4 60.4 54.4 60.0 53.1 54.7 55.6 58.2 59.4 53.6 53.6 53.7 53.9 53.9 53.9 6E 4000 56.7 58.3 50.3 52.2 53.4 53.6 54.1 54.1 54.2 54.4 66.4 66.4 60.4 50.4 65.4 67.0 67.0 53.9 53.9 53.9 53.9 53.0 53.6 53.1 54.7 56.6 58.2 59.4 59.4 59.4 59.4 54.4 54.4 66.4 66.4 66.4 66.4 66.4 67.0 67.0 67.0 67.1 57.2 57.2 57.2 68.3 3000 61.3 63.7 66.3 68.7 69.9 70.0 70.6 70.6 70.7 70.9 70.9 70.9 70.9 70.9 70.9 70.9
GE 20000 30.8 40.8 41.8 42.6 43.8 43.9 44.4 44.4 44.6 44.8 44.8 44.8 GE 18000 30.3 40.8 41.8 42.6 43.8 43.9 44.4 44.4 44.6 44.8 44.8 44.8 GE 16000 30.3 40.8 41.8 42.6 43.8 43.9 44.4 44.4 44.6 44.8 44.8 44.8 GE 14000 40.0 41.0 42.0 42.8 44.0 44.1 44.7 44.7 44.7 44.8 45.0 45.0 45.0 GE 12000 40.7 41.7 42.8 43.7 44.9 45.0 45.6 45.6 45.5 45.7 45.9 45.9 45.9 45.9 GE 10000 43.0 44.1 45.3 46.2 47.4 47.6 48.1 49.1 49.2 48.4 48.4 48.4 48.4 GE 8000 45.7 46.9 48.1 49.6 50.8 50.9 51.4 51.4 51.6 51.9 51.8 51.8 51.8 GE 7000 47.4 49.0 50.2 51.7 52.9 53.0 53.6 53.6 53.7 51.9 51.8 51.8 51.8 GE 6000 48.0 49.6 50.8 52.2 53.4 53.6 54.1 54.1 54.2 54.4 54.4 54.4 54.4 64.4 64.4 64.4 64.4
GE 10000 30.3 40.8 41.8 42.6 43.8 43.9 44.4 44.6 44.8 44.9 45.0
GE 19000 30.3 40.8 41.8 42.6 43.8 43.7 44.4 44.4 44.5 44.8 44.8 44.8 44.8 64.8 44.9 45.0 45.0 </td
GE 16000 30.8 49.8 41.8 42.6 43.8 43.9 44.4 44.4 44.6 44.8 44.8 44.8 GE 14000 40.0 41.0 42.0 42.8 44.0 44.1 44.7 44.7 44.7 44.9 45.0 45.0 45.0 45.0 GE 12000 40.7 41.7 42.8 43.7 44.9 45.0 45.6 45.6 45.7 45.9 45.9 45.9 45.9 GE 10000 41.8 42.9 44.0 44.9 45.1 45.2 46.8 46.8 46.9 47.1 47.1 47.1 47.1 GE 2000 43.0 44.1 45.3 46.2 47.4 47.6 48.1 48.1 48.2 48.4 48.4 48.4 45.4 45.4 47.6 48.1 48.1 48.2 48.4 48.4 45.4 45.4 47.6 48.1 48.1 48.2 48.4 48.4 45.4 45.4 47.6 48.1 48.1 48.2 48.4 48.4 45.4 45.4 47.6 48.1 48.0 49.6 50.8 50.9 51.4 51.4 51.6 51.8 51.8 51.8 GE 7000 47.4 49.0 50.2 51.7 52.9 53.0 53.6 53.6 53.6 53.7 53.9 53.9 53.9 GE 6000 48.0 49.6 50.8 52.2 53.4 53.6 54.1 54.1 54.2 54.4 54.4 54.4 54.4 54.4 54.4 54.4
GE 14900 40.0 41.0 42.0 42.8 44.0 44.1 44.7 44.7 44.8 45.0 45.0 45.0 GE 12000 40.7 41.7 42.8 43.7 44.9 45.0 45.6 45.6 45.6 45.7 45.9 45.9 GE 10000 40.7 41.7 42.8 43.7 44.9 45.0 45.6 45.6 45.6 45.7 45.9 45.9 GE 10000 41.3 42.9 44.0 44.9 45.1 45.3 46.2 47.4 47.6 48.1 48.1 48.2 48.4 48.4 45.4 45.4 47.6 48.1 48.1 48.2 48.4 48.4 45.4 45.4 47.6 48.1 48.1 48.1 48.2 48.4 48.4 45.4 45.4 47.6 48.1 48.1 48.1 48.2 48.4 48.4 45.4 45.4 47.6 48.0 47.4 49.0 50.2 51.7 52.9 53.0 53.6 53.6 53.7 53.9 53.9 53.9 66.000 48.0 49.6 50.8 52.2 53.4 53.6 54.1 54.1 54.2 54.4 54.4 54.4 54.4 54.4 54.4 54.4
GE 12000 40.7 41.7 42.8 43.7 44.9 45.0 45.6 45.6 45.7 45.9 45.9 45.9 GE 10000 41.8 42.9 44.0 44.9 46.1 45.2 46.8 46.3 46.9 47.1 47.1 47.1 67.1 67.0 67.0 67.1 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3
GE 10000 41.3 42.9 44.0 44.9 46.1 45.2 46.8 46.3 46.9 47.1 47.1 47.1 65.0 9000 43.0 44.1 45.3 46.2 47.4 47.6 48.1 48.1 48.2 43.4 48.4 45.4 65.8 8000 45.7 46.9 48.1 49.6 50.8 50.9 51.4 51.4 51.6 51.9 51.8 51.8 51.9 65.0 50.2 51.7 52.9 53.0 53.6 53.6 53.7 53.9 53.9 53.9 65.0 6000 48.0 49.6 50.8 52.2 53.4 53.6 54.1 54.1 54.2 54.4 54.4 54.4 54.4 54.4 54.4 54.4
SE 7000 43.0 44.1 45.3 46.2 47.4 47.6 48.1 49.1 49.2 43.4 48.4 48.4 65.4 65.8 8000 45.7 46.9 48.1 49.6 50.9 50.9 51.4 51.4 51.6 51.9 51.8 51.8 65.9 6000 48.0 49.6 50.8 52.2 53.4 53.6 53.6 53.6 53.7 53.9 53.9 68.4 50.0 50.8 52.2 53.4 53.6 54.1 54.1 54.2 54.4 54.4 54.4 54.4 54.4 54.4 54.4
GE 9000 43.0 44.1 45.3 46.2 47.4 47.6 48.1 49.2 43.4 48.4 45.4 GE 8000 45.7 46.9 48.1 49.6 50.8 50.9 51.4 51.4 51.6 51.8 51.8 51.8 GE 7000 47.4 49.0 50.2 51.7 52.9 53.0 53.6 53.7 53.9 53.9 53.9 GE 6000 48.0 49.6 50.8 52.2 53.4 53.6 54.1 54.2 54.4 54.4 GE 6000 48.0 49.6 50.8 52.2 53.4 53.6 54.1 54.2 54.4 54.4 GE 5000 50.3 51.9 53.4 55.0 56.2 55.3 56.9 56.9 57.0 57.2 57.2 57.2 GE 4500 53.1 54.7 56.6 58.2 59.4 59.6 69.1 50.1 50.2 50.2 57.2 57.2 57.2 57.2 57.2 57.2
GE 8000 45.7 46.9 48.1 49.6 50.8 50.9 51.4 51.4 51.6 51.8 51.8 51.8 GE 7000 47.4 49.0 50.2 51.7 52.9 53.0 53.6 53.6 53.7 53.9 53.9 53.9 GE 6000 48.0 49.6 50.8 52.2 53.4 53.6 54.1 54.2 54.4 54.4 GE 5000 50.3 51.9 53.4 55.0 56.2 56.3 56.9 56.9 57.0 57.2 57.2 57.2 67.2 GE 4500 53.1 54.7 56.5 58.2 59.4 59.6 60.1 50.1 50.2 50.4 60.4
GE 7000 47.4 49.0 50.2 51.7 52.9 53.0 53.6 53.6 53.7 53.9 53.9 66.0 50.0 48.0 49.6 50.8 52.2 53.4 53.6 54.1 54.1 54.2 54.4 54.4 54.4 54.4 54.4 54.4 54.4
GE 6000 48.0 49.6 50.8 52.2 53.4 53.6 54.1 54.1 54.2 54.4 54.4 54.4 54.4 54.4 54.4 54.4
GE 5000 50.3 51.9 53.4 55.0 56.2 56.3 56.9 56.9 57.0 57.2 57.2 57.2 68 4500 53.1 54.7 56.6 58.2 59.4 59.6 60.1 50.1 50.2 50.4 60.4 50.4 58 4000 56.7 58.3 60.3 62.2 63.4 63.6 64.1 54.1 64.2 54.4 64.4 64.4 58 3500 53.3 60.3 63.0 65.1 66.3 66.4 67.0 67.0 67.1 57.3 67.3 67.3 68 3000 61.3 63.7 66.3 68.7 69.9 70.0 70.6 70.6 70.7 70.9 70.9 70.9 68 2500 64.9 57.4 70.4 73.2 74.4 74.6 75.1 75.1 75.2 75.4 75.4 75.4 68 2500 67.3 70.0 73.2 76.4 77.9 73.0 78.8 73.6 78.9 79.1 79.1 79.1 68 1800 68.2 70.9 74.1 77.7 79.1 79.2 80.0 80.0 80.0 80.1 80.3 80.3 80.3 68.6 84.6 84.6 84.6 84.6
GE 4500 53.1 54.7 55.6 58.2 59.4 59.6 60.1 50.1 50.2 50.4 60.4 50.4 50.4 50.4 50.0 56.7 58.3 50.3 52.2 63.4 63.6 54.1 54.1 54.2 54.4 64.4 54.4 50.3 50.0 53.3 50.3 53.0 53.3 60.3 63.0 55.1 66.3 66.4 67.0 67.0 67.1 57.3 67.3 67.3 67.3 65.3 300 61.3 63.7 66.3 68.7 69.9 70.0 70.6 70.6 70.7 70.9 70.9 70.9 6.2 50.0 67.3 70.0 73.2 76.4 77.9 73.0 78.8 73.6 78.9 79.1 79.1 79.1 65 1800 68.2 70.9 74.1 77.7 79.1 79.2 80.0 80.0 80.0 80.1 80.3 80.3 80.3 65.1 50.0 70.9 73.8 77.3 81.2 83.1 83.3 84.1 84.2 84.3 84.6 84.6 84.6
GE 4500 53.1 54.7 56.6 58.2 59.4 59.6 69.1 50.1 50.2 50.4 60.4 60.4 50.4 50.4 50.0 56.7 58.3 60.3 62.2 63.4 63.6 54.1 54.1 54.2 54.4 64.4 54.4 50.3 50.0 53.8 60.8 63.0 65.1 66.3 66.4 67.0 67.0 67.1 57.3 67.3 67.3 67.3 68.3 200 61.3 63.7 66.3 68.7 69.9 70.0 70.6 70.6 70.7 70.9 70.9 70.9 68 2500 67.3 70.0 73.2 76.4 77.9 73.0 78.8 73.8 78.9 79.1 79.1 79.1 55.1 75.2 75.4 75.4 75.4 55.1 75.1 75.2 75.4 75.4 75.4 75.4 75.1 75.1 75.2 75.4 75.4 75.4 75.4 75.5 1800 68.2 70.9 74.1 77.7 79.1 79.2 80.0 80.0 80.0 80.1 80.3 80.3 80.3 50.3 55.1 1500 70.9 73.8 77.3 81.2 83.1 83.3 84.1 84.2 84.3 84.6 84.6 84.6
GE 2500 64.9 67.4 70.4 73.2 74.4 74.6 75.1 75.1 75.2 75.4 75.4 75.4 GE 2000 67.3 70.0 73.2 76.4 77.9 73.0 78.8 73.6 78.9 79.1 79.1 65.1 1500 68.2 70.9 74.1 77.7 79.1 79.2 80.0 80.0 80.0 80.1 80.3 84.6 84.6 84.6 84.6 84.6 84.6
GE 3500 53.8 60.8 63.0 65.1 66.3 66.4 67.0 67.0 67.1 57.3 67.3 67.3 67.3 GE 3000 61.3 63.7 66.3 68.7 69.9 70.0 70.6 70.6 70.7 70.9 70.9 70.9 GE 2500 67.3 70.0 73.2 76.4 77.9 73.0 78.8 73.6 78.9 79.1 79.1 79.1 GE 1800 68.2 70.9 74.1 77.7 79.1 79.2 80.0 80.0 80.0 90.1 80.3 80.3 80.3 GE 1500 70.9 73.8 77.3 81.2 83.1 83.3 84.1 84.2 84.3 84.6 84.6 84.6
GE 3000 61.3 63.7 66.3 68.7 69.9 70.0 70.6 70.6 70.7 70.9 70.9 70.9 GE 2500 64.9 67.4 70.4 73.2 74.4 74.6 75.1 75.1 75.2 75.4 75.4 75.4 GE 2000 67.3 70.0 73.2 76.4 77.9 73.0 78.8 73.6 78.9 79.1 79.1 79.1 GE 1800 68.2 70.9 74.1 77.7 79.1 79.2 80.0 80.0 80.0 80.1 80.3 80.3 80.3 GE 1500 70.9 73.8 77.3 81.2 83.1 83.3 84.1 84.2 84.3 84.6 84.6 84.6
GE 2500 64.9 67.4 70.4 73.2 74.4 74.6 75.1 75.1 75.2 75.4 75.4 75.4 GE 2000 67.3 70.0 73.2 76.4 77.9 73.0 78.8 73.6 78.9 79.1 79.1 79.1 GE 1800 68.2 70.9 74.1 77.7 79.1 79.2 80.0 80.0 90.1 80.3 90.3 80.3 GE 1500 70.9 73.8 77.3 81.2 83.1 83.3 84.1 84.2 84.3 84.6 84.6 84.6
GE 2000 67.3 70.0 73.2 76.4 77.9 73.0 78.8 73.6 78.9 79.1 79.1 79.1 GE 1800 68.2 70.9 74.1 77.7 79.1 79.2 80.0 80.0 80.0 80.3 80.3 80.3 GE 1500 70.9 73.8 77.3 81.2 83.1 83.3 84.1 84.2 84.3 84.6 84.6 84.6
GE 2000 67.3 70.0 73.2 76.4 77.9 73.0 78.8 78.6 78.7 79.1 79.1 79.1 GE 1900 68.2 70.9 74.1 77.7 79.1 79.2 80.0 80.0 90.1 80.3 80.3 80.3 GE 1500 70.9 73.8 77.3 81.2 83.1 83.3 84.1 84.2 84.3 84.6 84.6 84.6
GE 1800 58.2 70.9 74.1 77.7 79.1 79.2 80.0 80.0 90.1 80.3 80.3 90.3 GE 1500 70.9 73.8 77.3 81.2 83.1 83.3 84.1 84.2 84.3 84.6 84.6 84.6
GE 1500 70.9 73.8 77.3 81.2 83.1 83.3 84.1 84.2 84.3 84.6 84.6 84.6
OF 1500 1311 1011 1717 3110 3217 3110 4110
GE 1000 73.9 77.0 31.0 35.6 87.9 38.2 39.1 07.2 07.4 89.7 39.7 99.7
SE 700 74.2 77.7 81.9 86.9 87.2 89.6 90.6 90.8 90.7 91.1 91.1 91.1
SE 800 74.5 78.1 82.7 89.9 91.8 92.3 93.4 93.7 93.8 94.0 94.0 94.0
GE 700 74.8 78.3 83.3 90.2 93.4 94.0 95.3 95.6 95.7 95.9 95.9 95.9
GE 600 74.8 78.3 83.3 90.3 93.8 94.4 95.2 96.4 96.6 96.8 96.8 96.8
GE 500 74.3 73.3 33.3 90.3 94.7 95.3 97.1 97.3 97.4 97.7 97.7 97.7
GE 400 74.3 73.3 99.3 94.7 95.3 97.6 98.0 98.6 99.1 99.1 99.1
GE 300 74.9 73.3 83.3 90.3 94.7 95.3 97.6 98.0 98.6 99.2 99.2 99.2
GE 200 74.8 78.3 83.3 90.3 94.7 95.3 97.6 98.0 98.6 99.2 99.2 99.2
GE 100 74.8 73.3 83.3 90.3 94.7 95.3 97.6 98.0 98.6 99.2 99.2 99.2
22 133 1135 1315 3215 2315 1315 1325 132
GE 000 74.3 78.3 33.3 90.3 94.7 95.3 97.6 98.0 98.5 99.2 99.2 99.2

TOTAL NUMBER OF DBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY: FROM HOURLY OBSERVATIONS

	IAM NOTT OTU CT		KENBACKE	R ANGE	ЭН		PERIOD MONTH:	OF RECO	DRD: M. HOURS: (FEB 88		
•	• • • • • • •		VISIBILI					• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••	•••••
	٦٢	SE	GE	GE	SE			GE		GE	GE	GE	GE
	49	3	2 1/2	2		1 1/4	1	3/4	5/9	1/2	3/8	1/4	0
•	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •
,	39.7	40.9	41.0	41.6	41.6	41.7	41.9	41.9	41.9	42.1	42.1	42.2	42.2
:	42.5	43.3	43.7	44.4	44.4	44.6	44.4	44.8	44.8	45.0	45.0	45.1	45.1
	42.5	43.8	43.9	44.4	44.4	44.5	44.8	44.8	44.8	45.0	45.0	45.1	45.1
,	42.6	43.8	43.9	44.4	44.4	44.6	44.8	44.8	44.8	45.0	45.0	45.1	45.1
)	42.3	44.0	44.1	44.7	44.7	44.3	45.0	45.0	45.0	45.2	45.2	45.3	45.3
	43.7	44.9	45.0	45.6	45.6	45.7	45.9	45.9	45.9	45.1	46.1	46.2	46.2
	44.9	45.1	45.2	45.8	46.3	45.9	47.1	47.1	47.1	47.3	47.3	47.4	47.4
•	40.2	47.4	47.5	48.1	49.1	49.2	43.4	49.4	48.4	48.7	48.7	44.3	48.8
	49.6	50.8	50.9	51.4	51.4	51.5	51.8	51.8	51.8	52.0	52.0	52.1	52.1
•	51.7	52.9	53.0	53.6	53.6	53.7	53.9	53.9	53.9	54.1	54.1	54.2	54.2
	52.2	53.4	53.6	54.1	54.1	54.2	54.4	54.4	54.4	54.7	54.7	54.3	54.8
	55.0	55.2	55.3	56.9	56.9	57.0	57.2	57.2	57.2	57.4	57.4	57.6	57.6
	50.2	57.4	57.6	50.1	69.1	50.2	50.4	60.4	60.4	60.7	60.7	60.8	60.3
,	52.2	63.4	63.5	54.1	54.1	54.2	54.4	54.4	54.4	54.7	64.7	54.3	64.8
	55.1	65.3	65.4	67.0	67.0	67.1	67.3	67.3	67.3	67.6	67.6	67.7	67.7
,	5₹.7	59.9	70.0	70.6	70.6	70.7	70.9	70.9	70.9	71.1	71.1	71.2	71.2
	73.2	74.4	74.6	75.1	75.1	75.2	75.4	75.4	75.4	75.7	75.7	75.3	75.8
	76.4	77.9	73.0	74.8	73.H	78.9	79.1	79.1	79.1	79.3	79.3	79.4	79.4
	77.7	79.1	79.2	80.0	80.0	30.1	80.3	90.3	90.3	80.6	90.6	80.7	80.7
,	41.2	83.1	93.3	94.1	94.2	34.3	84.6	84.5	84.6	84.8	94.9	84.9	94.9
	54.0	35.9	36.2	87.0	87.2	87.3	87.6	87.6	37.6	87.8	87.8	87.9	87.9
	35.5	27.9	30.2	89.1	89.3	39.4	89 .7	39.7	59.7	39.9	37.9	90.0	90.0
	45.7	39.2	89.5	90.5	90.8	90.7	91.1	21.1	91.1	91.3	91.3	91.4	91.4
	33.9	91.8	92.3	93.4	93.7	93.9	34.0	94.0	94.0	94.2	94.2	94.3	94.3
	90.2	93.4	94.0	95.3	95.6	95.7	95.9	95.9	95.9	95.1	96.1	96.2	96.2
	90.3	93.8	94.4	95.2	96 • 4	96.6	96.8	96.8	96.8	97.0	97.0	97.1	97.1
	90.3	94.7	95.3	97.1	97.3	97.4	97.7	97.7	97.7	97.9	97.9	98.0	98.0
	7).1	94.7	95.3	97.6	98.0	93.5	99.1	79.1	99.1	99.3	99.3	99.4	99.4
	90.3	94.7	95.3	97.6	98.0	98.6	99.2	99.2	99.2	99.5	99.6	99.7	99.7
	4.).3	94.7	95.3	97.6	98.0	98.6	99.2	99.2	99.2	99.8	99.9	100.0	100.G
	90.3	94.7	95.3	97.6	98.0	98.6	99.2	99.2	99.2	99.8	99.9	100.0	100.0
	10.3	94.7	95.3	97.5	98.0	98.5	99.2	99.2	99.2	99.8	99.9	100.0	100.0
٠			• • • • • • •	• • • • • •				• • • • • • •					• • • • • •

900

ILI

; ; ;

₹ 2 ••

• 1

.0 .0 .2 .1 .3 .7

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI: FROM HOURLY CASERVATIONS

STATION			LST	TO UTC	+ 5					:HTMGM	VOV	ORD: MAF HOURS: OF
CEILING	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • •				STATUTE		• • • • • •	• • • • • •	• • • • • • • •
TN	9.6	93	GΕ	GE	GE	GE	SE	SE	GE	ig e	0.5	ΩĘ
céci	7	4	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8
• • • • • • • •	• • • • • • •	• • • • • • •		• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • •
NO CEIL	29.6	30.9	32.9	34.5	35.9	36.1	36.9	37.6	37.7	37.7	37.7	37.8
SE 20000	31.3	32.8	34.9	36.5	33.1	38.4	39.2	39.9	40.3	40.0	40.0	40 • 1
SE 18000	31.3	32.4	34.9	36.6	39.1	38.4	39.2	39.9	40.0	42.0	40.0	40.1
SE 15000	31.3	32.8	34.9	36.6	39.1	38.4	39.2	39.9	40.0	40.0	40.0	40.1
GE 14000	31.9	33.4	35.6	37.2	33.8	39.1	39.9	40.6	40.7	40.7	40.7	40.8
GE 12000	32.2	33.9	36.0	37.9	39.4	39.8	40.6	41.2	41.3	41.3	41.3	41.4
05 10000	2. 2		20. 2									
SE 10000 SE 9000	34.3	35.1	38.3	40.4	42.1	42.4	43.2	43.7	44.0	44.0	44.0	44.1
- 65 - 9000 - 55 - 8000	35.4 39.3	37.3 41.1	39.3 43.3	41.3 45.9	43.9	44.2 48.4	45.0	45.7 49.9	45.3 50.0	45.8 50.0	45.8 50.0	45.7
GE 7000	40.5	42.4	45.2	47.4	43.0 49.6	50.0	49.2 50.3	51.4	51.6	51.5	51.6	50.1 51.7
GE 5000	41.6	43.4	46.2	43.4	50.7	51.1	51.9	52.5	52.7	52.7	52.7	52.B
32 3300	1110	43. 4	,3.2		30.1	74.4	71.0	72.5	72 • 1	J. C. • •	72.1	32.0
35 5000	45.5	47.6	50.3	52.5	54.9	55.4	55.2	55.9	57.0	F7.0	57.0	57.1
GE 4500	47.4	49.6	52.3	54.3	57.2	57.9	58.7	57.3	59.4	59.4	57.4	59.5
SE 4000	49.3	52.2	55 · t	57.7	60.4	61.1	52.0	52.7	52.8	52.8	52.9	52.9
GE 3500	52.9	55.4	58.4	51.0	63.8	64.4	65.3	66.0	66.1	66.1	66.1	66.2
GE 3000	55.5	58.3	61.8	65.0	68.0	68.7	59.7	70.3	70.4	70.4	70.4	70.6
35 2500	(() ()				72	77.	7. 3	7. 0	70.0	3.5 0	75.0	
- 95 - 2500 - 95 - 2000	59.1 60.3	42.0 53.9	55.7 57.7	59.2 72.3	72.4	73.2	74.2	74.9 73.7	75.0	75.0	75.0	75.1
SE 1800	51.9	57.7 64.9	53.9	73.3	76.1 77.1	77.0 78.0	78.0 79.0	79.7	78.3 79. 8	79.8 79.8	78.8 79.8	79.9 79.9
GE 1500	54.2	57.7	71.9	75.7	80.6	31.4	52.4	93.2	93.3	83.3	33.3	83.4
GE 1200	55.9	59.9	74.3	79.7	33.9	84.7	85.8	86.5	86.3	85.3	35.3 35.3	36.9
00 1000		,,,		• / • •	,,,,,	.,,,,		33,3	.,,,		.,,,	3307
35 1000	66.2	77.2	75.2	90.7	35.7	85.5	84.0	ନ୍ୟ 🐧	99.1	HQ.3	89.3	33.4
45 ab a	65.5	70.5	75.7	31.7	35.3	87.7	89.2	90.2	90.4	90.7	90.7	90.B
\$5 900	55.9	71.1	76.7	P2.5	83.0	89.2	91.1	92.1	92.3	92.6	92.5	92.7
GE 700	67.0	71.4	77.4	83.9	89•6	90.9	93.0	94.1	94.4	94.7	94.7	94.8
GE 800	67.1	71.6	77.3	84.3	90.8	92.2	94.3	95.0	95.9	96.1	96 • 1	96.2
SE 500	67.1	71.5	77.9	34.5	91.1	92.8	95.1	95.4	95.9	97.0	97.0	37.1
SE 400	67.1	71.6	77.9	54.7	91.2	92.9	95.6	77.1	97.6	97.9	97.0	98.0
GF 300	67.1	71.6	77.9	94.7	91.2	92.9	95.6	97.2	97.8	99.2	98.2	98.3
GE 200	67.1	71.5	77.9	34.7	91.2	92.9	95.7	97.3	37.9	98.3	98.4	98.6
GE 100	67.1	71.6	77.9	84.7	91.2	92.9	95.7	97.3	97.9	98.3	93.4	98.6
SE 000	67.1	71.4	77.7	84.7	91.2	92.9	95.7	97.3	37.9	39.3	98.4	98.6
• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • • •

TOTAL NUMBER OF DESERVATIONS 900

• Company of the Comp

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

		VISIBILI		STATUTE	MILES							
35	GÆ	GE	SE	GE	СĒ	GE	GE	ĊΕ	GE	GE	GE	GE
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
••••												
4.5	35.9	36.1	36.9	37.6	37.7	37.7	37.7	37.8	33.0	38.0	38.4	38.4
6.5	33.1	33.4	39.2	39.9	40.0	40.0	40.0	40.1	40.3	40.3	40.8	40.
∵•∵	33.1	38.4	39.2	39.9	40.0	40.0	40.0	40.1	40.3	40.3	40.8	40.8
5.5	33.1	38.4	39.2	39.9	40.0	40.0	40.0	40.1	40.3	40.3	40.8	40.8
7.2	33.3	39.1	39.9	40.6	40.7	40.7	40.7	40.8	41.0	41.0	41.4	41.4
7.3	39.4	39.8	40.6	41.2	41.3	41.3	41.3	41.4	41.7	41.7	42.1	42.1
. 4	42.1	42.4	43.2	43.9	44.0	44.0	44.0	44.1	44.3	44.3	44.3	44.8
1.7	43.9	44.2	45.0	45.7	45.3	45.8	45.8	45.9	46.1	45.1	46.6	46.6
5 · 3	43.0	48.4	49.2	40.9	50.0	50.0	50.0	50.1	50.3	50.3	50.8	50.8
7.4	47.5	50.0	50.3	51.4	51.6	51.6	51.6	51.7	51.9	51.9	52.3	52.3
4 . 4	50.7	51.1	51.9	52.5	52 .7	52.7	52.7	52.8	53.0	53.0	53.4	53.4
٠.,	54.º	55.4	55.2	56.0	57.0	57.0	57.0	57.1	57.3	57.3	57.9	5 7. 8
· • •	57.2	57.9	58.7	57.3	59.4	59.4	59.4	59.6	59.8	59.8	60.2	60.2
7.7	57.4	51.1	62.0	52.7	52•9	62.8	62.8	52.9	53.1	63.1	63.6	63.6
$1 \cdot 0$	53•ძ	64.4	65.3	66.0	66.1	66.1	56.1	66.2	66.4	66.4	56.9	66.9
'y•')	5d•0	68.7	59.7	70.3	70.4	70.4	70.4	70.6	70.8	70.8	71.2	71.2
· • · ·	72.4	73.2	74.2	74.9	75.0	75.0	75.0	75.1	75.3	75.3	75.8	75.5
3.3	75.1	77.0	78.0	73.7	78 • 3	73.9	78.8	7ª.9	79.1	79.1	79.7	79.7
٦.3	77.1	78.0	79.0	79.7	79.8	79.8	79.8	79.9	80.1	80.1	პ0∙7	80.7
5.7	30.0	31.4	82.4	83.2	93.3	83.3	33.3	83.4	83.7	83.7	84.2	84.3
1.7	33.3	84.7	ಕಿ5∙ಕ	86.6	86.3	85.3	36.8	36.9	37.1	87.1	87.7	87.8
5 . 7	35.7	95.5	84 . 0	93.9	39.1	BO.3	99.3	99.4	99.7	99.7	90.2	90.3
1 - ?	35.3	87.7	89.2	90.2	90.4	90.7	90.7	90.8	91.0	91.0	91.6	91.7
د • د	83.0	89.2	91.1	92 .1	92.3	92.5	92.5	92.7	92.9	92.9	93.4	93.6
F . 14	39.6	90.9	93.0	94.1	34.4	94.7	94.7	94.8	95.0	95.0	95.6	95.7
· • 3	90.8	92.2	94.3	95.6	95.9	96.1	96.1	96.2	96.4	96.4	97.0	97.1
••5	91.1	92.3	95.1	95.4	95.3	97.0	97.0	₹7.1	97.3	97.3	97.9	98.0
?	91.2	92.9	95.6	37.1	97.6	97.9	97.9	98.0	98.2	98.2	98.5	98.9
4.7	31.2	92.9	95.6	97.2	97.8	99.2	98.2	98.3	98.6	98.6	99.1	99.2
	21.2	92.9	95.7	97.3	37.3	98.3	98.4	98.6	98.8	98.9	99.7	99.8
4.7	91.2	92.9	95.7	97.3	97.9	98.3	98.4	98.6	98.8	98.9	99.7	100.0
7	91.2	92.3	95.7	97.3	77.9	39.3	99.4	98.6	98.0	98.9	99.7	100.0

0 - 2 - 93

OPERATING LOCATION HAM PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI FROM HOURLY DISERVATIONS USAFETAC. ASHEVILLE NO STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR STATION NUMBER: 724285 MONTH: NOV HOURS: 09-, LST to utc: + 5 VISIBILITY IN STATUTE MILES CEILING 93 2 GE GE SE GΕ G.E GE TN 5/8 CCST 7 2 1/2 1 1/2 1 1/4 3/4 5 4 1 1, 3 34.4 34.6 34.7 34.8 34.9 35 30.2 33.2 33.7 33.9 NO CELL 25.1 28.2 32.4 SE 20000 29.0 33.0 35.1 37.5 38.4 39.0 39.2 39.3 39.7 40.0 40.1 40.2 40 39.0 39.2 39.9 39.9 40.0 40.1 40.2 40 18000 29.6 33.0 35.1 37.5 33.4 39.9 GE 16000 29,6 35.1 39.0 39.2 39.8 40.0 40.1 40.2 40 37.6 34.4 33.0 40.1 SE 14000 39.4 49.0 40.2 40.3 40.4 40 27.3 33.2 35.3 37.8 39.7 39.2 GE 12000 39.9 40.4 40.7 41.2 41.3 41.4 41.5 41.7 42 30.6 34.0 36.2 39.0 35.3 42.5 43.5 43.7 43.8 44 GE 10000 34.0 41.0 42.0 42.8 43.3 43.4 32.1 44.6 45 39.3 43.6 43.8 44.3 44.4 44.7 44.9 GE 9202 32.7 35.7 42.0 43.7 48.3 48.1 40 47.8 47.9 GE 8000 35.7 39.9 42.3 45.3 45.4 47.0 47.2 48.0 GE 7000 43.2 49.4 49.0 49.1 49.2 49.3 49.5 49 36.3 41.0 43.4 46.5 47.7 50.2 50.4 50 49.1 49.3 49.9 50.0 50.1 GF 6000 37.3 41.3 44.2 47.3 43.5 55.0 53.9 54.0 54.7 55. SE 5000 41.2 48.4 51.5 52.9 53.7 54.4 75 57.4 56.0 56.8 56.9 57.0 F7.1 57.3 57, 4500 43.0 47.7 53.3 55.2 56.2 35 4000 45. 9 50.4 53.3 57.1 59.6 59.3 59.5 60.1 60.2 60.3 50.4 50.7 51. 47.9 52.3 53.2 63.3 63.4 63.7 54, SF 3500 52.7 52.6 53.1 56.6 50.1 61.5 3000 66.7 52.4 57.4 51.4 65.1 57.4 67.7 58.3 68.4 68.6 68.7 68.9 59. 74. 31 2500 55.2 51.4 65.6 57.5 71.2 72.1 72.5 73.2 73.3 73.4 73.5 73.3 70.1 3,5 50.9 79.0 73.2 78.5 72. 78.3 2000 74.0 57.1 77.2 73,5 75.7 76.9 50.7 79.4 79.5 79.2 79.3 79.8 80. ÇE 77.9 65.6 1800 70.1 74.7 75.9 78.4 GF 1500 67.6 73.1 78.0 30.5 81.9 82.6 33.3 33.4 83.5 83.7 83.9 94. 61.3 87. 59.2 35.3 86.0 86.9 37.0 87.1 97.3 SE 1200 75.7 30.9 33.9 52.7 36.3 85.8 49. 64.2 1000 53.0 59.5 75.4 32.0 35.1 87.9 88.3 39.0 39.1 H3.4 an. 95 900 53.1 59.8 75.7 32.2 95.4 97.1 83.3 29.2 39.5 23.8 39.9 90.1 GE 32.6 89.2 90.4 90.9 91.4 91.9 92.0 92. 800 63.1 59.9 75.9 35,9 87.9 77.3 R3.2 89.7 91.4 93.1 93.8 94. SE 730 43.1 59.0 87.2 92.7 94.1 94.3 97. 600 63.4 70.3 77.9 34.3 83.7 91.2 93.0 94.4 95.0 95.9 96.4 96.7 77.9 95.4 97.0 97.7 97.9 93, 65 500 53.4 70.3 84.4 33.9 91.5 93.7 96.1 70.3 96.2 97.8 99. 63.4 99.9 92.0 94.2 98.4 98.7 35 400 77.3 44.4 36.7 99.0 92.0 94.2 96.4 97.1 98.8 99, 70.3 300 53.4 77.9 M4.4 33.9 28.0 200 53.4 70.3 84.4 38.9 92.0 94.2 96.4 97.1 98.0 98.3 99.0 99, GE 77.9 99.0 99. 92.0 94.2 96.4 97.1 98.0 98.8 GF 100 53.4 10.3 77.9 54.4 83.9 77.1 99.

TOTAL NUMBER OF DESERVATIONS 900

70.3

000 63.4

98.0

99.8

94.2

33.9

92.0

. A campage of A

. . . .

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

• •				• • • • •									
			AISIBILI										
	GF.	GE	GE	GE	GE	GE	GE	GE	GE	SE	GE	GE	GE
	4	3	2 1/2	2		1 1/4			5/8	1/2	3/9	1/4	0
• •	• • • • • •		• • • • • • • •			• • • • • • •	••••		• • • • • • •	• • • • • • •	• • • • • • •		••••
	32.4	33,2	33.7	33.9	34.4	34.6	34.7	34.8	34.9	35.2	35.2	35.2	35
	37.5	38.4	39.0	39.2	39.8	39.9	40.0	40.1	40.2	40.6	40.6	40.6	40.
	37.5	33.4	39.0	39.2	39.9	39.9	40.0	40.1	40.2	40.5	40.5	40.6	40.
	37.6	33.4	39.0	39.2	39.8	39.9	40.0	40.1	40.2	40.6	40.6	40.6	40.
	37.3	38.7	39.2	39.4	40.0	40.1	40.2	40.3	40.4	40.8	40.8	40.8	40.
	39.0	39.9	40.4	40.7	41.2	41.3	41.4	41.5	41.7	42.0	42.0	42.0	42.
	41.0	42.0	42.6	42.8	43.3	43.4	43.6	43.7	43.8	44.1	44.1	44.1	44.
	42.0	43.0	43.6	43.3	44.3	44.4	44.6	44.7	44.8	45.1	45.1	45.1	45.
	45.3	45.4	47.0	47.2	47.8	47.9	48.0	48.1	48.3	48.7	48.7	48.7	48.
	46.5	47.7	43.2	48.4	49.0	49.1	49.2	49.3	49.5	49.9	49.9	49.9	49.
	47.3	43.6	49.1	49.3	49.9	50.0	50.1	50.2	50.4	50.8	50.8	50.8	50.
	51.5	52.9	53.7	53.9	54.4	54.5	54.7	54.3	55.0	55.3	55.3	55.3	55.
	93.3	55.2	56.0	56.2	56.8	55.9	57.0	57.1	57.3	57.7	57.7	57.7	57.
	57.1	53.6	59.3	59.6	60.1	60.2	60.3	60,4	50.7	61.0	61.0	61.0	61.
	50.1	61.5	52.3	52.6	53.1	53.2	63.3	63.4	63.7	54.0	54.0	54.0	64.
	65.1	66.7	57.4	67.7	68.3	68.4	68.6	68.7	68.9	69.3	69.3	69.3	69.
	63.5	71.2	72.1	72.6	73.2	73.3	73.4	73.5	73.8	74.2	74.2	74.2	74.
	73.5	75.7	76.9	77.2	74.0	79.1	73.2	78.3	78.6	79.0	79.0	79.0	79.
	74.7	76.9	77.9	78.4	79.2	79.3	79.4	79.6	79.8	80.2	30.2	80.2	80.
	78.0	30.5	91.9	82.6	33.3	33.4	83.6	83.7	83.9	84.3	84.3	84.3	84.
	30.9	33.9	85.3	86.0	36.8	86.9	87.0	97.1	87.3	87.8	87.8	87.8	87.
	32.0	35.1	96.8	8 7. 9	88.3	39.0	89.1	89.2	89.4	39.9	89.9	90.0	90•
	22.2	95.4	37.1	83.3	99.2	39.5	33.A	39.9	90.1	90.6	93.6	90.7	90.
	32.6	85.9	87.9	89.2	90.4	90.3	91.4	91.9	92.0	92.4	92.4	92.6	92.
	₽ 3. 2	87.2	89.7	91.4	92.7	93.1	93.8	94.1	94.3	94.8	94.8	94.9	94.
	24.3	88.7	91 • 2	93.0	94.4	95.0	95.9	96.4	96.7	97.1	97.1	97.2	97.
	34.4	33.9	91.6	93.7	95.4	96.1	97.0	97.7	97.9	98.3	93.3	98.4	98•
	44.4	93.0	92.9	94.2	96.2	36.9	97.5	98.4	98.7	99.1	99.1	99.2	99.
	M4.4	34.9	92.0	94.2	96.4	97.1	98.0	98.8	99.0	99.4	99.6	99.7	99.
	34.4	33.9	92.0	94.2	96.4	97.1	98.0	98.3	99.0	99.6	99.7	99.8	99.
	54.4	83.9	92.0	94.2	96.4	97.1	98.0	98.8	99.0	99.7	99.8	100.0	100.
	÷4.4	88.9	92.0	94.2	35.4	77.1	98.0	98.8	99.0	99.7	99.8	100.0	100.

DPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS FROM HOURLY DBSERVATIONS USAFETAC, ASHEVILLE NO STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR MONTH: NOV HOURS: 12 LST TO UTC: + 5 VISIBILITY IN STATUTE MILES CELL ING G F IN GE GE GE GE SE SF GE GE FEET 5 5 4 2 1/2 1 1/2 1 1/4 3 1 33.4 NO CEIL 30.1 31.2 32.9 33.2 33.2 33.4 32.4 33.2 33.4 33.4 33.4 SF 20000 38.9 39.3 39.3 39.8 40.0 40.0 40.1 36.6 40.1 40.1 37.7 39.8 32 18000 36.6 37.7 33.9 39.3 39.3 39.3 39.3 40.0 40.0 40.1 40.1 40.1 GE 16000 36.6 37.7 38.9 39.3 39.8 39.8 39.8 40.0 40.0 40.1 40.1 40.1 40.7 GE 14000 37.1 38.2 39.4 39.9 40.3 40.3 40.3 40.6 40.6 40.7 40.7 GE 12000 37.8 39.0 40.3 40.9 41.4 41.4 41.4 41.7 41.7 41.8 41.8 41.3 GF 10000 39.4 40.8 42.1 42.7 43.2 43.2 43.2 43.4 43.4 43.6 43.6 43.6 40.2 GE 9900 41.6 44.3 42.9 43.4 44.0 44.2 44.2 44.3 44.3 44.0 44.0 SE 8000 43.3 44.7 45.0 46.6 47.1 47.1 47.1 47.3 47.3 47.4 47.4 47.4 GE 7000 44.3 45.0 47.3 47.9 48.4 48.4 48.4 48.7 48.7 48.8 48.3 48.3 6000 44.3 48.1 48.8 49.3 49.3 49.3 49.5 49.6 49.7 49.7 49.7 5000 50.4 51.1 52.0 47.1 49.1 51.7 51.9 51.7 51.7 51.9 52.0 52.0 50.0 51.3 53.1 SF 4520 49.0 52.2 52.8 52.3 52.8 53.0 53.0 53.1 53.1 50.3 56.3 56.3 SE 4000 52.4 54.3 55.4 55.0 56.0 55.0 55.2 56.2 56.3 3500 54.1 58.4 59.9 60.4 60.8 60.3 Gã 56.2 60.4 60.4 60.7 60.7 50.8 50.3 64.7 65.4 65.7 GE 3000 58.3 53.2 65.4 65.4 65.7 65.8 65.8 65.8 2500 63.4 59.0 70.7 71.9 55.1 71.4 71.4 71.7 71.3 72.0 72.0 72.0 2000 SE 53.0 77.B 77.8 77.9 77.9 71.1 74.2 76.3 77.1 77.2 77.5 77.9 77.2 35 1800 69.2 72.3 75.4 79.3 79.0 79.0 79.1 79.1 79.1 78.4 78.3 GE 1500 71.3 74.9 78.6 30.6 82.2 82.8 82.8 32.9 82.9 32.9 32.1 82.6 1200 77.9 72.3 32.7 84.8 36.7 85.9 86.0 88.2 88.3 38.3 SF 1000 73.5 73.9 34.7 R7.3 39.3 39.5 90.9 91.1 91.1 91.2 91.2 73.5 GF 900 90.5 92.0 92.2 92.3 79.2 35.0 37.3 90.0 92.2 92.3 92.3 35 73.9 40.0 800 45.1 39.0 92.1 93.9 93.9 94.3 94.3 91.3 93.7 94.3 95.7 73.9 GE 700 30.0 46.3 89.2 91.8 92.7 94.8 95.1 95.1 95.7 95.7 600 73.9 30.1 06.5 89.3 92.6 93.6 96.5 97.0 97.4 98.1 98.1 98.1 92.9 73.0 99.7 SF 590 30.1 93.3 95.3 98.7 35.7 90.0 97.3 97.8 39.8 35 400 73.9 30.2 96.3 90.3 93.1 94.1 97.1 97.7 98.3 99.3 99.5 99.7 GE 73.0 80.2 90.3 98.4 99.4 99.7 99.3 300 36.3 93.1 94.1 97.1 97.8 GE 200 73.9 30.2 36.5 90.3 93.1 94.1 97.1 97.8 98.4 99.4 99.7 99.8 GE 100 73.9 40.2 94.1 97.1 97.3 98.4 99.4 99.7 99.8 36.8 90.3 93.1 38.4 202 73.2 99.8 20.2 90.3 93.1 94.1 97.1 97.8 99.4

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

		VISTBILI	TY IN :	STATUTE								
G E	GE	GE	GE	GF	GE	GF	GE	GΞ	GE	GE	GE	GE
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
32.9	33.2	33.2	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
32.7	JJ • 2	77.2	22.2	3314	33.4			33.4	23.4	33.4	3304	. ,
39.3	39.8	39.9	39.8	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
39.3	39.8	39.3	39.3	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
39.3	39.8	39.8	39.8	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
39.9	40.3	40.3	40.3	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7
40.9	41.4	41.4	41.4	41.7	41.7	41.8	41.8	41.3	41.8	41.8	41.8	41.8
42.7	43.2	43.2	43.2	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6
43.4	44.0	44.0	44.0	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3
46.6	47.1	47.1	47.1	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4
47.9	49.4	48.4	48.4	48.7	48.7	48.3	48.8	48.8	48.8	48.8	48.8	48.8
43.9	47.3	49.3	49.3	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7
51.1	51.7	51.7	51.7	51.9	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0
52.2	52.8	52.3	52.8	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1
55.4	55.0	56.0	55.0	55.2	56.2	56.3	56.3	56.3	56.3	55.3	56.3	56.3
59.9	50.4	60.4	50.4	60.7	60.7	60.8	60.3	60.8	60.8	60.8	60.8	60.8
54.7	65.4	65.4	ს 5•4	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
72.7	71.4	71.4	71.7	71.9	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0
75.3	77.1	77.2	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
77.2	79.3	78.4	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
30.6	92.1	82.2	82.6	82.8	82.8	92.9	82.9	82.9	82.9	82.9	82.9	82.9
84.8	35.7	86.9	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
₽ 7. 3	39.3	39.5	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3
37.3	77.3	90.5	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4
39.0	91.3	92.1	93.7	93.9	93.9	94.3	94.3	94.3	94.4	94.4	94.6	94.6
39.2	91.8	92.7	94.8	95.1	95.1	95.7	95.7	95.7	95.8	95.8	95.9	95.9
69.3	92.6	93.6	96.5	97.0	97.4	98.1	98.1	98.1	98.2	98.2	98.3	98.3
າງ.ງ	32.3	93.3	95.3	97.3	97.8	99.7	98.7	98.8	98.9	98.9	99.0	99.0
90.3	93.1	94.1	97.1	97.7	98.3	99.3	99.6	99.7	99.8	99.8	99.9	99.9
20.3	93.1	94.1	97.1	97.8	98.4	99.4	99.7	99.3	99.9	99.9	100.0	100.0
90.3	93.1	94.1	97.1	97.8	98.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0
90.3	93.1	94.1	97.1	97.8	98.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0
43.3	93.1	94.1	97.1	97.8	78.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0

USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIB FROM HOURLY DASERVATIONS

STATION			LST	סדט פד	: + 5					MONTH:	VOV	ORD: '	15-1
CEILING		• • • • • • •				V IS I3 I LI					• • • • • • •		• • • • •
IN	ge	GΕ	GE	GE		GE.	GE	SE	GE	SE	GE	GE	G
FEET	7	5	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/
• • • • • • •	• • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • •		•••••	• • • • • •	• • • • • • •	• • • • • •	••••
NO CEIL	30.4	31.9	32.4	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32
GE 20000	38.3	40.0	41.1	41.2	41.4	41.4	41.4	41.7	41.7	41.8	41.8	41.8	41
SE 18000	38.9	40.8	41.3	41.4	41.7	41.7	41.7	41.9	41.9	42.0	42.0	42.0	42
SE 16000	38.9	40.8	41.3	41.4	41.7	41.7	41.7	41.9	41.9	42.0	42.0	42.0	42
SE 14000	39.2	41.2	41.8	41.9	42.1	42.1	42.1	42.3	42.3	42.4	42.4	42.4	42
GE 12000	40.3	42.3	42.9	43.0	43.2	43.2	43.2	43.4	43.4	43.6	43.6	43.5	43
GE 10000	42.3	44.3	44.9	45.0	45.2	45.2	45.2	45.4	45.4	45.5	45.5	45.5	45
SE 9000	43.5	45.7	45.2	46.3	45.6	45.6	45.6	45.8	46.8	46.9	46.9	46.9	46
GE 8000	45.1	48.4	49.1	49.2	49.4	49.4	49.4	49.7	49.7	49.8	49.8	49.8	49,
SE 7000	47.1	50.0	50.7	50.8	51.0	51.1	51.1	51.3	51.3	51.4	51.4	51.4	51
GE 6000	47.9	50.8	51.6	51.7	51.9	52.0	52.0	52.2	52.2	52.3	52.3	52.3	52.
GE 5000	49.2	52.2	53.0	53.1	53.3	53.4	53.4	53.7	53.7	53.3	53.8	53.8	53,
95 4500	51.7	54.8	55.6	55.7	55.9	56.1	56.2	56.4	56.4	56.5	56.6	56.6	56,
GE 4200	54.1	57.6	58.4	58.6	53.9	59.1	59.2	59.4	59.4	59.6	59.6	59.5	59,
GE 3500	57.0	50.4	61.8	62.1	62.4	52.7	62.8	63.0	63.0	63.1	63.1	63.1	53,
GE 3000	61.2	64.9	56.2	55.6	67.0	67.2	67.3	67.6	67.6	67.7	67.7	67.7	67.
GE 2500	57.4	71.0	73.1	73.4	74.1	74.4	74.6	74.9	75.0	75.2	75.2	75.2	75.
SE 2000	71.4	76.3	78.3	78.9	79.8	80.3	93.4	80.8	30.9	81.1	81.1	81.1	51.
SF 1900	72.i	77.2	79.2	79.9	8.ce	81.3	A1.4	81.A	81.9	82.1	82.1	92.1	82,
GE 1500	74.9	90.7	32.9	93.7	85 <i>.2</i>	85.9	86.3	86.7	36.9	37.1	87.1	37.1	97,
GE 1200	76.2	82 • 3	35.1	85.4	38.3	89.1	89.6	89.9	90.1	90.3	90.3	90.3	90,
GE 1000	77.0	33.5	87.0	38.4	90.7	91.6	92.0	92.3	92.6	92.9	92.9	92.9	92,
GE 300	77.3	34.0	87.5	89.1	91.3	92.2	93.0	93.3	93.6	93.9	93.9	93.9	93,
SE 800	77.9	84.5	99.3	90.2	92.6	93.7	94.5	95.2	95.4	95.9	95.9	95.9	96,
SE 700	77.3	84.7	38.4	90.3	92.7	94.1	95.0	95.8	96.0	95.4	96.6	96.6	96,
GE 600	77.8	34.7	88•6	90.4	92.8	94.6	95.4	96.3	96.6	97.0	97.1	97.1	9 7 .
GE 500	77.d	94.7	38•8	90.7	93.0	94.9	96.2	97.7	98.0	98.4	98.7	98.8	97,
SF 400	77.H	84.7	33.3	90.7	93.0	94.9	96.3	93.0	98.4	99.0	99.2	99.3	99,
SE 300	77.8	94.7	98.8	90.7	93.0	94.9	95.3	99.0	98.4	99.0	99.2	99.3	99,
GE 200	77.3	84.7	გგ∙ გ	90.7	93.0	94.9	96.3	98.0	98.4	99.0	99.2	99.3	100
GE 100	77.3	94.7	38.8	90.7	93.0	94.9	96.3	98.0	98•4	99.0	99.2	99.3	100
GE 000	77.9	34.7	33.3	90.7	93.0	94.9	96.3	93.0	93.4	99.0	99.2	99.3	100.

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY OF THE PROPERTY OF THE PROPERT

TO UT		KENBACKE				MONTH:		CORD: NOURS:	MAR 78 - 15-17	FE8 88		
		VISIBILI		STATUTE					• • • • • • •	• • • • • • •	•••••	* * * * * * *
GE	GĒ	GE	SE	SE	GE	GE	ĢE	GE	GE	GE	GE	GE
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	c
• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •
32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
41.2	41.4	41.4	41.4	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8
41.4	41.7	41.7	41.7	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0
41.4	41.7	41.7	41.7	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0
41.7	42.1	42.1	42.1	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4
43.0	43.2	43.2	43.2	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6
45.0	45.2	45.2	45.2	45.4	45.4	45.6	45.5	45.6	45.6	45.6	45.6	45.6
45.3	45.5	45.6	46.6	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9
49.2	49.4	49.4	49.4	49.7	49.7	49.8	49.8	49.8	49.8	49.9	49.8	49.8
50.3	51.0	51.1	51.1	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
51.7	51.9	52.0	52.0	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
53.1	53.3	53.4	53.4	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
5.7	55.9	56.1	56.2	55.4	56.4	56.5	56.6		56.6	56.6	56.6	56.6
58.6	53.9	59.1	59.2	59.4	59.4	59.6	59.6		59.6	59.5	59.6	59.6
52.1	52.4	52.7	62.8	63.0	63.0	53.1	63.1	_	63.1	63.1	63.1	63.1
55.5	57.0	67.2	67.3	67.6	67.6	67.7	67.7			67.7	67.7	67.7
73.4	74.1	74.4	74.6	74.9	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2
74.3	77.3	80.3	33.4	80.8	30.0	31.1	81.1		81.1	81.1	81.1	81.1
79.3	89.8	81.3	81.4	81.8	31.9	82.1	82.1	92.1	82.1	82.1	82.1	82.1
'3 .7	85.2	85.9	86.3	86.7	86.9	37.1	87.1	37.1	87.1	87.1	87.1	87.1
45.4	38.3	89.1	89.6	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
∮ <i>h,</i> •	90.7	91.6	92.0	92.3	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
9.1	91.3	92.2	93.0	93.3	93.6	93.9	93.9		93.9	93.9	93.9	93.9
10.2	92.6	93.7	94.6	95.2	95.4	95.9	95.9		96.0	96.0	96.0	96.0
90.3	92.7	94.1	95.0	95.3	96.0	96.4	96.6		96.7	96.7	96.7	96.7
90.4	92.8	94.6	95.4	96.3	96.6	97.0	97.1	97.1	97.2	97.2	97.2	97.2
∍o.7	93.0	94.9	96.2	97.7	98.0	98.4	98.7	98.8	99.1	99.1	99.1	99.1
10.7	23.0	94.9	96.3	93.0	98.4	99.0	99.2		99.7	99.7	99.7	99.7
99.7	93.0	94.9	95.3	99.0	98.4	99.0	99.2		99.9		99.9	99.9
90.7	93.0	94.9	96.3	98.0	98.4	99.0	99.2		100.0	100.0	100.0	100.0
90.7	93.0	94.9	96.3	98.0	98.4	99.0	99.2		100.0	100.0	100.0	100.0
10.7	93.0	94.9	96.3	93.0	98.4	99.0	99.2	99.3	100.0	100.0	100.0	100.0
 		• • • • • • •	•••••	• • • • • • •		• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • •

OPERATING LOCATION "A" USAFETAC: ASHFVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIO FROM HOURLY OBSERVATIONS

ST	N NCITA	IJMŖĘŖ:	724285	LST	TO UTC	: + 5					MONTH:	NOV	CORD: HOURS:	18-2
r F	ILING		•••••	• • • • • • •	• • • • • • •		VISIBILI					•••••	• • • • • •	• • • • •
	ILING	GE	GΞ	GE.	GE	GE \	GE	GE .	STATUTE	GE		GE	GE	c
	EFT	7	6	5 5	4	3	2 1/2	2		1 1/4		3/4	5/3	1)
				• • • • • •		•••••					• • • • • • •			• • • • •
NO	CEIL	32.9	33.9	35,6	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35
GF	20000	37.9	39.9	40.8	40.3	41.1	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41
	13000	38.2	39.2	41.1	41.2	41.4	41.7	41.3	41.8	41.8	41.9	41.8		
	16000	38.2	39.2	41.1	41.2	41.4	41.7	41.8	41.8	41.9	41.8	41.8		-
	14000	38.3	39.3	41.2	41.3	41.6	41.8	41.9	41.9	41.9	41.9	41.9		
	12000	39.7	40.7	42.7	42.8	43.1	43.3	43.4	43.4	43.4	43.4	43.4		
GF	10000	42.3	43.3	45.3	45.4	45.8	46.0	46.1	45.1	46.1	46.1	46.1	46.1	45
ĞĘ		42.7	43.9	45.7	46.0	45.3	45.5	46.7	46.7	45.7	46.7	46.7		
SE		47.0	48.4	50.9	51.0	51.3	51.6	51.7	51.7	51.7	51.7	51.7		
GE	7000	48.3	49.9	52.3	52.6	52.9	53.1	53.2	53.2	53.2	53.2	53.2		-
GE	6000	48.8	50.3	52.8	53.0	53.3	53.6	53.7	53.7	53.7	53.7	53.7		-
7,5	,	51.4	53.0	55.4	55 .7	56.0	56 • 2	56.3	56.3	55.3	55.3	56.3	56.3	55
35		53.1	35.0	57.4	57.9	58.2	58.4	53.6	58.6	58.6	58.5	58.6		
SE	4000	56.5	58.6	51 . i	51.5	61.9	62.1	52.2	52.2	62.2	52.2	62.2	62. <i>2</i>	62
GE	3500	59.9	52.1	64.7	65.3	65.7	55.9	66.0	56.0	66.0	66.0	66.0	-	
GE	3000	53.3	50.0	68.8	70.0	70.3	70.7	70.8	70.8	70.8	70.8	7 0.8	70.8	70
GF	2500	79.0	72.6	75.5	77.3	77.7	78.0	78.2	79.2	78.2	78.2	78.2	78.2	7 ≘
GE.	2000	73.5	76.8	80.1	92.2	93.1	93.4	83.3	93.8	33.9	33.8	33.9		
SE	1800	74.2	77.4	81.0	33.1	84.0	84.3	84.7	34.7	84.7	84.7	84.7		
GE	1500	76.4	80.2	84.1	86.7	87.9	89.4	89.0	89.0	89.0	89.0	89.0		
GE	1200	77.4	81.7	36.0	88.8	90.3	91.0	91.8	91.8	91.8	91.3	91.8	91.8	91
5=	1000	79.0	22.4	97.1	90.3	91.9	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93
G C	900	78.2	82.2	37.4	20.3	92.3	93.5	94.5	94.6	14.6	94.6	94.6		
SE	300	70.3	83.0	87.7	91.0	92.7	94.0	95.2	95.6	95.6	95.5	95.6		
GE	700	78.3	33.0	87.7	91.4	93.1	94.4	95•8	96.1	96.1	96.3	96.3		
GE	600	79.3	33.1	87.9	91.9	93.9	95.2	96 • 8	97.1	97.2	97.5	97.6	97.6	97
35		70.3	33.1	39.0	92.2	94.4	95.8	97.4	98.0	98.1	98.4	98.4	•	
GE	400	79.3	03.1	33.0	92.2	94.6	95.9	97.7	98.3	98.8	99.2	99.2		
GE		79.3	93.1	38.0	92.2	94.6	95.9	97.7	98.7	99.2	99.9	99.9		
ĢΕ		78.3	83.1	86.1	92.3	94.7	96.0	97.3	98.3	99.3	100.0	100.0		
GE	100	78.3	33.1	83.1	92.3	94.7	96.0	97.3	98.3	99.3	100.0	100.0	100.0	100
SF	000	79.3	93.1	aa.1	92.3	94.7	96.0	97.3	98.4	99.3	100.0	100.0	100.0	100
		• • • • • •	• • • • • • •						• • • • • • •		• • • • • •		• • • • • • •	• • • • •

TOTAL NUMBER OF DBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

		_	KENBACKE	P ANGR	ÜН					AP 78 -	LEB 88		
į	D UTC:	+ 5					MONTH:	NOV	HOURS:	18-20			
1		•••••	VISIBILI	TY IN	STATUTE	MILES	• • • • • • •	• • • • • •	• • • • • • •	•••••	•••••	•••••	• • • • • •
	35	SE	G E	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
1	• • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	•••••
4	5.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
	· n. a	41.1	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
į	1.2	41.4	41.7	41.3	41.8	41.8	41.8	41.8	41.3	41.8	41.8	41.8	41.8
1	1.2	41.4	41.7	41.3	41.8	41.9	41.8	41.8	41.8	41.8	41.9	41.8	41.8
	1.3	41.6	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
	2.3	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
1	4.4	45.8	46.0	45.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
1	5.0	46.3	45.5	46.7	46.7	45.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
1	1.0	51.3	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
1	ું•⊃	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
	3.0	53.3	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
1	7	56.0	56.2	55.3	55.3	55.3	55.3	56.3	56.3	55.3	56.3	56.3	56.3
1	7.3	58.2	58.4	53.6	58.6	58.6	58.5	58.6	58.6	58.6	58.6	58.5	58.6
1	1.5	51.9	62.1	52.2	52.2	62.2	52• <i>2</i>	62.2	62.2	52.2	62.2	62.2	62.2
- {	5.3	65.7	55.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
	3.0	70.3	70.7	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.8
1	7.3	77.7	78.0	78.2	79.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
1	2.7	93.1	83.4	83.3	33.8	33.9	33.8	33.8	33.8	83.8	93.8	83.3	83.9
1	5.1	84.0	84.3	94.7	34.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
- 1	4.7	37.9	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89 .0	89.0	89.0	89.0
1	ક્રેન, ઉ	90.3	91.0	91.8	91.8	91.8	91.3	91.8	91.8	91.8	91.8	91.8	91.8
1	2 .3	91.9	92.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
	•	92.3	93.6	94.6	94.6	74.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
1	1.0	92.7	94.0	95.2	25.6	95.5	95.5	95.6	95.6	95.6	95.6	95.5	95.6
1	1 • 4	73.1	94.4	95.8	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
1	1.9	93.9	95.2	96.8	97.1	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6
į	٠.2	94.4	95.8	97.4	98.0	98.1	98.4	98.4	98.4	98.4	99.4	98.4	98.4
]	1.5	94.6	95.9	97.7	98.3	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
. 1	2.2	94.6	95.9	97.7	98.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9
- 1	- 3	94.7	96.0	97.8	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	2.3	94.7	96.0	97.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1 1	3	94.7	96.0	97.3	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
٠1		• • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •

USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI FROM HOURLY DESERVATIONS

-		NUMBER:	724285	LST	in nic	+ 5	KENBACKE	R ANGB	DH		PERIOD MONTH:	-	HOURS:	
	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		VISIBILI				• • • • • • •		• • • • • • •	• • • •
	N	Ç.c	G.F.	68	GF	SE	GE	SE	GF	GE	GF	GE	G∉	
	FT	7	5	٦,	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/9	1
• • •			• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •					• • • • • •	• • • • • • •	• • • •
ND	CEIL	37.2	37.3	38.9	39.3	39.6	39.6	39.8	39.8	39.8	39.9	39.9	39.9	3
GE	20000	40.7	40.8	42.3	42.9	43.2	43.3	43.5	43.6	43.5	43.7	43.7	43.7	4
35	19000	44.7	41.0	42.6	43.1	43.4	43.6	43.8	43.8	43.3	43.9	43.9	43.9	4
GE	16000	40.9	41.0	42.5	43.1	43.4	43.6	43.8	43.8	43.8	43.9	43.9	43.9	4
GE	14000	41.4	41.6	43.1	43.7	44.0	44.1	44.3	44.3	44.3	44.4	44.4		4
GE	12000	42.0	42.3	43.9	44.4	44.8	44.9	45.1	45.1	45.1	45.2	45.2	45.2	4
GE	10000	45.0	45.3	46.9	47.7	43.0	48.1	48.3	48.3	45.3	48.4	48.4	43.4	4
ĢF	9000	45.7	45.0	47.5	48.3	43.7	48.3	49.0	49.0	49.0	49.1	49.1	49.1	4
SE	8000	49.5	50.0	51.7	52.4	52.8	52.9	53.1	53.1	53.1	53.2	53.2	53.2	5
SE	7000	51.7	52.2	53.9	54.3	1.دذ	55.2	55.4	55.4	55.4	55.6	55.6	55.6	5
GE	6000	52.1	52.7	54.3	55.2	55.6	55•7	55.9	55.7	55.9	56.0	56.0	55.0	5
GL	5000	56.2	55.9	59.6	59.6	60.0	60.1	50.3	60.3	50.3	60.4	60.4	50.4	5
GE	4500	57.9	58.⊟	50.4	51.4	61.9	62.0	62.2	52.2	52.2	62.3	62.3	62.3	5
e.	4000	60.9	52.3	54.1	55.1	65.6	55.7	56.0	55 • C	56.0	56.1	66.1	66.1	6
Ge	3500	53. 0	45 .1	66.9	48.0	63.4	68.6	68.9	63 .9	68.9	69.0	69.0		- 6
GE	3000	55 • 5	58.6	70.7	72.0	72.6	72.8	73.1	73.2	73.3	73.4	73.4	73.4	7
GE	2500	70.)	73.7	75.9	77.4	78.1	78.3	78.7	78.3	78.9	79.0	79.0		7
ĢF	2000	73.7	75.5	70.2	31.1	81.7	82.1	82.4	62.7	32.A	a5*d	23.0	93.0	c
95	1800	73.9	75.9	79.5	91.4	82.2	82.4	82.8	83.0	93.1	93.2	83.3	83.3	8
GE	1500	76.6	79.9	93.1	35.3	86.3	86.6	87.1	97.7	87.8	87.9	88.0	88.0	Ą
ĢE	1200	79.4	31.3	85.2	87.6	83.9	89.2	89.8	30.4	90.6	90.7	90.B	90.8	9
SE	1000	78.3	52.1	86.3	85.8	90.9	91.2	91.9	92.7	92.3	92.9	93.0	93.0	9
3F	720	70.7	92.3	86.7	30.3	92.4	92.3	93.7	94.4	94.6	74.7	94.8	94.2	9
SE	900	79.3	92.9	87.7	91.2	94.0	94.3	95.2	96.0	96.1	95.2	96.3	96.3	9
GE	700	79.3	33.0	37.9	91.5	94.8	95.2	96.3	97.1	97.2	97.3	97.4	97.4	9
ĞΕ	600	79.3	83.0	88.2	91.9	95.1	95.6	96.3	97.6	97.8	97.9	98.0	98.0	9
GÉ	500	79.3	93.0	38.2	91.9	95.4	95.9	97.2	98.0	98.2	98.3	98.4	98.4	9
SF	400	70.3	93.0	39.2	91.9	95.6	96.0	97.3	98.1	99.7	१२.१	99.0	99.0	9
GE	300	79.3	33.0	88.2	91.9	95.6	96.1	97.7	98.9	99.4	99.6	99.8	99.9	9
GE	200	79.3	83.0	88.2	91.9	95.6	96.1	97.7	38.3	99.4	99.6	99.8	99.8	9
GE	100	79.3	33.0	38.2	91.9	95.6	96.1	97.7	98.9	99.4	99.6	99.8	99.8	9
GÇ	000	77.3	:3.9	28.2	91.9	95.6	96.1	97.7	94.9	39.4	99.6	99.9	99.8	9
• • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • •

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

4 39.3 39 42.9 43 43.1 43	9.6 3.2 3.4 3.4 4.0	39.6 43.3 43.6 43.6	TY IN 5 GE 2 39.8 43.5 43.8	GF 1 1/2	GE 1 1/4 39.8	GF 1	GE 3/4	G€ 5/3	GE 1/2	GE 3/8	GE 1/4	GE O
4 39.3 39 42.9 43 43.1 43	3 9.6 3.4 3.4	39.6 43.3 43.6 43.6	39.8 43.5 43.8	GF 1 1/2 39.8	GE 1 1/4 39.8	1	3/4	5/9	1/2			0
4 39.3 39 42.9 43 43.1 43	3 9.6 3.2 3.4 4.0	2 1/2 39.6 43.3 43.6 43.6	39.8 43.5 43.8	39.8	39.8	1	3/4	5/9	1/2			0
39.3 39 42.9 43 43.1 43	9.6 3.2 3.4 3.4	39.6 43.3 43.6 43.6	39.8 43.5 43.8	39.8	39.8			• • • • • • •	• • • • • •	• • • • • •		
42.9 43 43.1 43	3.2 3.4 3.4	43.3 43.6 43.6	43.5 43.8			39.9						
43.1 43	3.4 3.4 4.0	43.6 43.6	43.8	43.6			39.9	39.9	39.9	39.9	39.9	39.9
	3.4 4.0	43.6			43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7
43.1 47	4.0			43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43,9
7.24.4	-	11.	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9
43.7 44		44.1	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4
44.4 44	4.8	44.9	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2
47.7 48	3.0	48.1	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4
42.3 49	3.7	48.3	47.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1
52.4 52	2.9	52.9	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
54.3 59	5.1	55.2	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6
55 .2 5 5	5.6	55.7	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0
53.5 50	0.0	60.1	60.3	60.3	60.3	50.4	60.4	50.4	50.4	50.4	50.4	60.4
	1.0	62.0	52.2	62.2	52.2	62.3	62.3	62.3	62.3	62.3	52.3	62.3
	5.6	55.7	56.0	56.0	66.0	56.1	66.1	66.1	66.1	66.1	66.1	66.1
	3.4	68.6	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
	2.6	72.8	73.1	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
77.4 75	2.1	78.3	78.7	78.3	78.9	79.0	79.0	79.0	79.0	79.0	79.0	7 0
	1.2	82.1	82.4	52.7	32.8	92.9	83.0	93.0	93.0	83.0	83.0	83.0
	2.2	82.4	82.8	83.0	33.1	83.2	83.3	83.3	83.3	93.3	83.3	93.3
	5.3	86.6	87.1	97.7	37.8	87.9	88.0	88.0	88.0	89.0	88.0	88.0
	3.9	89.2	89.8	90.4	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8
9 90	3.9	91.2	91.9	92.7	92.3	92.9	93.0	93.0	93.0	93.0	93.0	93.0
	2.4	92.3	93.7	94.4	74.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8
	• 0	94.3	95.2	96.0	96.1	95.2	96.3	96.3	96.3	96.3	96.3	96.3
	4.9	95.2	96.3	97.1	97.2	37.3	97.4	97.4	97.4	97.4	97.4	97.4
-	5.1	95.6	96.3	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
91.9 95	5.4	95.9	97.2	98.0	98.2	98.3	98.4	98.4	93.4	98.4	98.4	98.4
	5.6	96.0	97.3	29.1	99.7	94.4	99.0	99.0	99.0	99.0	99.1	99.1
	5.6	96.1	97.7	98.9	99.4	99.6	99.9	99.8	99.9	- 99.9	100.0	100.0
	5.5	96.1	97.7	28.7	99.4	99.6	99.8	99.8	99.9	99.9	100.0	100.0
-	5.6	96.1	97.7	98.9	99.4	99.5	99.8	99.8	99.9	99.9	100.0	100.0
11.9 95	5.5	96.1	97.7	99.9	79.4	99.6	99.8	99.8	99.9	99.9	100.0	100.0

LITY

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS V USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS

ST	ATION 1		724285	LST	TO UTC	+ 5	KENBACKE	R ANGB	ан			OF RECO	JRD: M. JRS: ALI
G.E.		• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •			****			• • • • • • •	• • • • • •	• • • • • •
	ILING [N	GF	r, F	g ç	C C	SE			STATUTE				65
	LM EET	7			GE		GE	GE	GF	GE		GE	GE.
- ,	: כו	,	5	5	4	3	2 1/2	2	1 1/2	1 1/4		3/4	5/3
• •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •
NO	CEIL	32.5	33.8	35.2	36.0	35.6	36.7	37.0	37.2	37.2	37.3	37.3	37.3
G.E	20000	37.1	33.4	39.3	40.7	41.4	41.6	41.9	42.1	42.1	42.2	42.2	42.3
GF	19000	37.1	33.5	37.9	40.3	41.5	41.7	42.0	42.2	42.2	42.3	42.3	42.4
35	16000	37.1	33.5	39.9	40.3	41.5	41.7	42.0	42.2	42.2	42.3	42.3	42.4
GE	14000	37.5	38.9	40.3	41.2	41.9	42.1	42.4	42.6	42.5	42.7	42.7	42.7
GE	12000	33.2	39.7	41.2	42.2	42.9	43.1	43.3	43.5	43.6	43.7	43.7	43.7
G.F	10000	42.3	41.9	43.3	44.4	45.2	45.3	45.6	45.8	45.9	45.0	46.0	46.0
ĢE	9000	41.2	42.A	44.4	45.4	46.3	46.4	45.7	46.9	47.0	47.0	47.1	47.1
GE	8000	44.4	46.2	47.9	49.0	49.9	50.1	50.4	57.5	50.5	50.7	50.7	50.8
GE	7000	45.9	47.9	49.6	50.8	51.7	51.9	52.2	52.4	52.4	52.5	52.5	52.6
GE	6000	45.5	48.5	50.3	51.5	52.4	52.6	52.9	53.1	53.2	53.2	53.3	53.3
C.E.	5000	47.4	51.5	53.3	54.6	55.5	55.8	56.1	56.3	56.3	55.4	55.4	56.4
G=	4500	51.3	53.6	95.4	56.3	57.3	53.0	53.3	53.6	54.5	52.7	53.7	53.7
٦,٢	4000	4.2	55.7	59.3	60.3	51.4	61.6	52.0	52.2	52.2	52.3	62.3	62.3
GE	3500	55.9	59.7	62.0	63.7	64.8	55.0	65.3	55.5	65.0	65.7	65.7	55.7
ĢΕ	3000	50.4	53.4	66.0	63.0	69.1	69.4	69.8	70.0	70.1	70.1	70.2	70.2
<u>5 -</u>	2500	5ª • 1	60.4	71.3	73.5	74.8	75.1	75.5	75.9	75.3	75.0	75.9	75.0
SE	Subb	67.2	71.0	75.1	77.7	19.3	79.7	90.2	49.5	30.6	90•7	90.7	30.7
S.E	1900	69. P	72.7	75.9	78.5	49.2	80.7	81.2	41.4	31.5	81.5	81.5	31.7
GE	1500	71.3	75.4	79.1	32.1	84.1	34.6	85.2	05.6	35.7	85.8	85.8	85.8
J€	1230	12.9	77.5	81.6	84.9	37.1	37.8	88.5	88.9	39.0	89.1	39.1	59.2
٦Ę	1000	73.5	73.2	93.0	35.5	39.2	d 9 ⋅9	90.4	91.3	71.4	21.5	91.6	91.6
95	900	73.7	73.6	33.4	a7.3	99.0	90.3	91.9	92.3	92.5	92.5	92.7	72.7
GE	800	73.9	79.0	94.0	84.3	91.2	92.2	93.4	94.9	94.1	24.4	94.4	94.5
GE	700	74.0	79.1	34.4	88.9	92.1	93.2	94.7	95.3	95.4	95.8	95.8	95.9
SE	500	74.0	79.2	34.5	89.3	92.3	94.0	95.7	96.4	90.7	97.0	97.1	97.2
g e	530	74.0	7	7	0.3 5	0.2 2	04 5	24.4	27.2	27.6			00.0
3=	400	74.0	79.2 29.2	34.7	90,5	33.2	94.5	35.4	97.3	27.6	a4*0	78.1	98.2
or G€	300	74.0	79.2		89.5	93.3	94.7	95.3	97.8	78.3	38.3	99.0	99.0
GE	200	74.0	_	34.7	39.5	23.4	94.7	95.8	98.9	98.5	99.1	99.3	99.4
GE	100	74.0	79•2 79•2	34.7	39.5	93.4	94.7	96.9	98.1	98.6	99.2	99.3	99.4
UE	100	14.0	17.2	34.7	89.5	93.4	94.7	96.9	98.1	98.6	99.2	99.3	99.4
ĢĘ	999	74.7	79.2	34.7	39.5	33.4	94.7	95.9	99.1	₹3.5	99.2	99.3	99.4
	• • • • •			• • • • • •							• • • • • •	• • • • • • •	

TOTAL NUMBER OF DBSERVATIONS 7200

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

78	TON NAT OTU UT		KENBACKE	R ANGS	ЭН		PERIOD OF RECORD: MAR 78 - FEB 88 MONTH: NOV HOURS: ALL								
	• • • • • •	• • • • • • •	VISIBILI	TYIN	STATUTE	MILES	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •			••••		
	g.∈	SE	GE	GE	GF	GE	G.E.	GE	GE	GE	GE	GE	GE		
S∄ }	4	3	2 1/2	2	1 1/2	1 1/4	i	3/4	5/8	1/2	3/8	1/4	Õ		
/2								• • • • • • •		• • • • • •					
• • • • •															
7.4	36.0	35.6	36.7	37.0	37.2	37.2	37.3	37.3	37.3	37.4	37.4	37.5	37.5		
	49.7	41.4	41.5	41.9	42.1	42.1	42.2	42.2	42.3	42.4	42.4	42.4	42.4		
2.4	0.5	41.5	41.7	42.0	42.2	42.2	42.3	42.3	42.4	42.5	42.5	42.5	42.5		
?• 5	40.3	41.5	41.7	42.0	42.2	42.2	42.3	42.3	42.4	42.5	42.5	42.5	42.5		
2.5	41.2	41.9	42.1	42.4	42.6	42.5	42.7	42.7	42.7	42.8	42.8	42.9	42.9		
?•થ 3.ટ	42.2	42.9	43.1	43.3	43.6	43.6	43.7	43.7	43.7	43.8	43.8	43.9	43.9		
'• 5	44.4	45.2	45.3	45.6	45.8	45.9	45.0	46.0	46.0	46.1	46.1	46.2	46.2		
>•1	45.4	45.3	46.4	45.7	45.9	47.0	47.0	47.1	47.1	47.2	47.2	47.3	47.3		
7.2	9.0	49.9	50.1	50.4	50.6	50.5	50.7	50.7	50.8	50.9	50.9	50.9	50.9		
).4	50.8	51.7	51.9	52.2	52.4	52.4	52.5	52.5	52.6	52.7	52.7	52.7	52.7		
.7	51.5	52.4	52.6	52.9	53.1	53.2	53.2	53.3	53.3	53.4	53.4	53.5	53.5		
1.4	71.	72.64	72.0	76.7	73.4	7506	JJ • L	,,,,	,,,,	730 ()) ()	,,,,	,,,,		
	14.5	55.5	55.8	55.1	56.3	56.3	55.4	55.4	56.4	56.6	55.5	56.5	56.5		
• ^]	5.3	57.3	53.0	53.3	53.6	58.5	52.7	53.7	58.7	53.8	58.3	58.9	59.9		
•:	50.3	51.4	61.6	52.0	52.2	52.2	52.3	62.3	62.3	62.5	62.5	52.5	62.5		
• 5	53.7	64.8	55.C	65.3	65.6	65.0	65.7	65.7	55.7	65 · B	65.8	55.9	65.9		
• 5	23.0	69.1	59.4	69.8	70.0	70.1	70.1	70.2	70.2	70.3	70.3	70.4	70.4		
- 1	73.5	74.8	75.1	75.5	75.3	75.3	75.9	75.9	76.0	76.1	75.1	76.2	76.2		
.1	77.7	79.3	79.7	90.2	49.5	30.6	82.7	90.7	30.7	P0.9	37.9	80.9	80.9		
• • }	73.5	32.2	90.7	81.2	81.4	31.5	81.5	81.5	81.7	81.8	81.8	31.9	81.9		
. [52.1	84.1	34.6	85.2	35.6	35.7	85.8	85.8	85.8	86.0	86.0	36.0	86.1		
.C .3	24,9	37.1	37.8	88.5	88.9	39.0	89.1	89.1	89.2	89.3	89.3	89.4	89.4		
"	. 5 . 5	39.2	39.9	90.3	91.3	71.4	91.5	91.6	91.6	91.7	91.7	91.3	91.3		
. 7	7.1	99.0	90.3	91.9	92.3	92.5	92.6	92.7	92.7	92.3	92.8	92.9	93.0		
. ·	14.3	91.2	92.2	93.4	94.9	94.1	04.4	94.4	94.5	94.6	94.5	94.7	94.7		
5	19.9	92.1	93.2	94.7	95.3	95.4	95.8	95.8	95.9	95.0	96.0	96.1	96.1		
0	93.3	92.3	94.0	95.7	96.4	96.7	97.0	97.1	97.2	97.3	97.3	97.4	97.5		
3	, · • · y	72.0	74.0	77•1	70.4	70 • 1	,,,,	71	/ 1 • C	/ , • 5	71.5	<i>,</i> ,,,,,	,,,,		
3	·-)。韦	93.2	94.5	95.4	37.3	27.6	98.0	98.1	98.2	79.3	98.3	98.4	98.5		
; 1	4.5	93.3	94.7	95.3	97.8	78.3	ସଥି ସ	99.0	99.0	99.2	99.2	99.3	99.4		
<u>.</u> 1	47.5	23.4	94.7	95.9	98.0	98.5	99.1	99.3	99.4	99.5	99.6	99.3	99.8		
2 5 7	:4.5	93.4	94.7	96.9	98.1	98.6	99.2	99.3	99.4	99.7	99.8	99.9	99.9		
,	33.5	93.4	94.7	96.9	98.1	98.6	99.2	99.3	99.4	99.7	99.8	100.0	100.0		
,	`7.5	93.4	94.7	96.9	98.1	18.5	99.7	99.3	99.4	99.7	99.3	100.0	100.0		
}	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •		

1200

316

DPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS I USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS

STA	TION	NUMBER:	724285		to utc:	: + 5	KENBACKE	R ANGB	3 П Н		HTMOM:	DEC	CORD: + HOURS:
001	LING	• • • • • • •	• • • • • • • •		• • • • • • •		1 * * * * * * * * * * * * * * * * * * *	TV TH	STATUTE	441EC	• • • • • • •	• • • • • •	• • • • • • •
		.	G.F	g e	C 65						.	CC	ا ء
•	N F	SF.		••	GE	GĘ	GE	GE	GE	GE	Ç=	GF 3.47	GF CAS
- ::	E T	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/3
• • •	••••	• • • • • • •	• • • • • • • • •	,	,	,	• • • • • • • •	•••••			• • • • • • •	• • • • • •	• • • • • • •
NO	CEIL	30.3	31.0	31.7	32.8	33.1	33.1	33.3	33.3	33.3	33.3	33.3	33.3
GE	20000	33.5	34.2	34.9	35.)	36.3	36.3	35.6	36.6	35.5	36.6	36.6	36.6
3F	18000	33.5	34.2	34.9	36.0	36.3	36.3	36.5	36.6	36.6	35.5	36.6	36.6
GE	16000	33.5	34.2	34.9	36.0	35.3	36.3	35.5	35.6	36.5	35.5	36.5	36.5
SE	14000	33.8	34.4	35.2	36.2	35.6	36.6	36.8	36.8	36.8	36.8	36.9	36.8
GE	12000	34.0	34.5	35.5	36.5	37.0	37.0	37.2	37.2	37.2	37.2	37.2	
GF	10000	37.2	33.0	38.9	40.4	41.0	41.0	41.2	41.2	41.2	41.2	41.2	41.2
SE	9000		38.6	39.5	41.1	41.5	41.6	41.8	41.8	41.3	41.8	41.3	41.9
SĒ	2000		42.3	43.4	45.1	45.7	45.7	45.9	45.9	45.9	45.9	45.9	45.9
SE	7000		43.3	44.5	46.2	45.9	45.9	47.1	47.1	47.1	47.1	47.1	47.1
GΕ	6000		43.7	44.9	46.5	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4
J .	0000	74.1	43.1	7 .4 .4	40.0	7102	7102	4144	7107	7117	4104	7107	7147
GF	5000	45.4	45.1	47.4	49.0	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9
35	4500	49.7	49.5	50.9	52.5	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3
SF	4000		53.0	54.5	56.1	56.8	55.8	57.0	57.0	57.0	57.0	57.0	57.0
gε	3500	54.3	55.5	57.3	58.3	59.7	59.7	59.9	50.1	60.1	50.1	60.1	50.1
GE	3000	53.2	59.5	61.6	63.2	54.0	54.0	64.2	54.4	64.4	64.4	64.4	64.4
GE	2500	54.3	25.2	53.6	7 0.5	72.2	72.5	72.7	72.3	73.2	73.2	73.2	73.2
3=	2000		71.4	74.1	76.3		78.4	73.5					-
ĢĘ.	1801					73.1	•		78.9	79.2	79.2	79.2	79.2
9:	1500		72.2	74.3	77.1	78.8	79.1	79.4	79.7	30.0	80.0	90.0	
			74.4	77.5	79.9	31.9	82.3	92.5	92.9	93.2	83.2	93.2	
ĞÉ	1200	74.0	75.0	79.5	82.5	35.3	35.6	35.8	96.2	36.5	86.5	86.6	36.6
GE	1000		75.7	n0•o	53.9	47.4	37.7	33.0	86.4	33.7	€8. ₹	88.9	કે∂.9
75	900		77.2	31.2	84.9	39.5	38.7	보4.2	39.7	∌0.o	$30 \cdot 5$	90.2	90.2
G E	900		77.4	31.5	35.5	89.8	90.4	97.9	91.4	91.7	71.9	92.0	92.0
ĢĘ	700	74.7	77.9	92.0	95.1	99.9	91.5	95.0	92.7	23.0	93.2	93.3	93.3
GE	600	75.1	78.0	82.4	36.o	32.0	92.8	93.4	94.2	94.5	94.7	94.8	94.5
ĠĒ	500	75.1	7 3.0	52.6	87.1	92.4	93.1	94.2	94.9	95.3	95.5	95.6	95.5
ĢĒ	427		74.1	32.7	87.2	92.9	93.5	94.6	95.5	95.0	95.3	96.5	95.5
G F	302	• •	78.1	32.7	37.2	92.9	93.8	94.8	95.0	96.5	97.0	97.5	97.5
ĞE	200		79.1	32.7	37.2	92.9	93.8	95.2	96.5	97.0	97.5	98.1	93.1
GE	100		79.1	32.7	37.2	92.9	93.8	95.2	96.5	97.0	97.5	98.2	98.2
3.	100	, , , ,		2501	3116	72 • 7	73.0	7,7.2	70.7	,,,,	7102	77762	75 2
ĢE	201	75.1	73.1	32.7	H 7 • 2	92.9	93.3	95.2	75.5	97.9	97.5	98.2	98.2
• • •	• • • • •	• • • • • • •	• • • • • • •		, .	, • • • • • • <i>•</i>		• • • • • •	• • • • • • • •		• • • • • • •	• • • • • •	

TOTAL NUMBER OF DESERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

T IN OLC: TIUM MVW	+ 5					MONTH:	DEC	ORD: M. HOURS:	00-02	FE8 88		
• • • • • • •		VISIBILI				• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
5=	•	G٤	GĒ	GE		G E	GF		SE	GE	GE	GE
4	3	2 1/2	2		1 1/4	1	3/4	5/9	1/2	3/8	1/4	0
• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
32.3	33.1	33.1	33.3	33.3	33.3	33.3	33.3	33.3	33.5	33.5	33.5	33.5
35.)	30.3	35.3	36.6	35.6	35.5	36.6	36.6	36.6	35.9	36.9	36.9	36.9
35.7	36.3	36.3	36.5	36.6	36.6	35.5	36.0	36.6	36.9	36.9	36.9	36.9
35.0	36.3	36.3	35.5	35.6	36.6	35.5	36.5	36.5	36.9	36.9	36.9	36.9
36.2	35.5	35.6	36.4	36.8	36.8	36.8	36.8	36.8	37.1	37.1	37.1	37.1
36.5	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.5	37.5	37.5	37.5
47.4	41.0	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.5	41.5	41.5	41.5
41.1	41.5	41.5	41.2	41.8	41.8	41.8	41.3	41.9	42.2	42.2	42.2	42.2
45.1	45.7	45.7	45.9	45.9	45.9	45.9	45.9	45.9	46.2	45.2	46.2	45.2
44.2	45.9	45.9	47.1	47.1	47.1	47.1	47.1	47.1	47.4	47.4	47.4	47.4
45.5	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	47.7	47.7
43.0	49.7	4).7	49.9	49.9	49.9	49.9	49.9	49.9	50.2	50.2	50.2	50.2
43.5	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.7	53.7	53.7	53.7
56.1	55.8	55.8	57.0	57.0	57.0	57.0	57.0	57.0	57.3	57.3	57.3	57.3
= 4 . 5	57.7	59.7	59.9	50.1	60.1	50.1	60.1	60.1	60.4	60.4	50.4	60.4
53.2	54.0	54.0	64.2	54.4	64.4	64.4	64.4	64.4	64.7	54.7	64.7	64.7
.	• • •	70 "			7			7.2.0	23.5	33.0	3 3.7	30 /
73.6	72.2	72.5	72.7	72.9	73.2	73.2	73.2	73.2	73.5	73.5	73.5	73.5
70.3	73.1	78.4	73.5	78.9	79.2	79.2	79.2	79.2	79.5	79.6	79.5	79.5
77.1	73.3	79.1	79.4	79.7	30.0	80.0	80.0	30.0	90.3	80.3	80.3	80.3
70,9	31.9	92.3		92.9	93.2	83.2	93.2	33.2	93.5	83.5	83.5	83.5
# 2 •5	35.3	35.6	35.8	36.2	86.6	86.6	86.6	36.6	36.9	86.9	86.9	96.9
33.9	37.4	37.7	35.0	96.4	33.7	88.9	88.9	38.9	89.2	39.2	89.2	89.2
.4.9	33.5	38.9	44.2	39.7	90.0	30.2	90.2	90.2	90.6	90.5	90.6	90.5
26.5	89.0	90.4	99.9	91.4	91.7	31.9	92.0	92.0	92.5	92.5	92.5	92.5
75.1	77.ª	91.5	92.0	92.7	93.0	93.2	93.3	93.3	93. P	93.8	93.8	93.8
30.0	35.0	92.8	93.4	94.2	94.5	94.7	94.8	94.8	95.3	95.3	95 • 3	95.3
37.1	92.4	93.1	94.2	94.9	95.3	95.5	95.6	95.6	95.0	96.0	96.0	96.0
#7.2	9,3	93.5	94.5	95.5	95.0	75.3	96.5	96.5	96.9	97.0	97.0	97.0
37.2	92.9	93.9	94.8	95.0	96.5	97.0	97.5	97.5	98.0	98.1	98.1	98.2
-7.2	72.9	93.8	95.2	96.5	97.0	97.5	98.1	93.1	93.7	98.8	98.8	98.9
o7.2	92.9	93.8	95•2	96.5	97.0	97.5	98.2	98.2	93.8	98.9	99.5	100.0
. 1.2	92.0	93.3	95.2	26.5	97.0	97.5	98.2	98.2	98.8	98.9	99.5	100.0
• • • • • • • •	•••••	• • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •

OPERATING LOCATION "A" USAFFTAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILI FROM HOURLY OBSERVATIONS

STA	ITION N	UMBER:	724285	LST	TO UTC	+ 5	KENBACKE				HONTH:	DEC	ORD: MI HOURS: (
^E !	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		VISIBILI				• • • • • • •	• • • • • •	• • • • • • •	• • • • • •
	N.	C.C	្នុក	GE	GE	GE	GE	GE	SE	GE	SF	GE	GF	GΞ
•	ĒΤ	7	, 5	5	4	3	2 1/2	2		1 1/4	1	3/4	5/3	1/2
• • •			•									• • • • • • •		
СИ	CEIL	25.0	25.5	27.2	28.3	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.8	29.8
G.F	20000	29.5	30.4	31.4	32.5	33.9	33.8	34.1	34.1	34.1	24.1	34.1	34.3	34.3
GF	12000	29.6	37.4	31.4	32.5	33.8	33.8	34.1	34.1	34.1	34.1	34.1	34.3	34.3
C.F	16000	29.6	30.4	31.4	32.5	33.8	33.8	34.1	34.1	34.1	34.1	34.1	34.3	34.3
GE	14000	29.7	30.5	31.5	32.6	33.9	33.9	34.3	34.3	34.3	34.3	34.3	34.5	34.5
GE	12000	30.5	31.5	32.5	33.5	34.8	34.8	35.3	35.3	35.3	35.3	35.3	35.5	35.5
	10000	33.1	34.3	35.3	36.3	37.6	37.6	33.1	38.1	38.1	33.1	39.1	38.3	32.3
ĢE	9000	34.9	34.0	35.9	37.0	33.3	38.3	33.7	38.7	34.7	33.7	33.7	38.9	39.7
G E	8000	37.5	38.7	39.3	40.9	42.2	42.2	42.6	42.6	42.6	42.5	42.6	42.8	42.8
GE	7000	38.3	39.5	40.5	41.5	43.0	43.0	43.4	43.4	43.4	43.4	43.4	43.7	43.7
GE	6000	39.0	40.3	41.4	42.5	43.9	43.9	44.4	44.4	44.4	44.5	44.5	44.7	44.7
gr.	5000													
	5000	42.5	43.0	45.3	45.7	43.2	48.2	43.7	43.7	43.7	49,9	48.9	49.0	49.0
SE	4500	45.3	46.7	48.1	49.5	51.3	51.3	51.8	51.8	51.3	51.9	51.9	52.2	52.2
ÇE.	4300	48.0	49.5	51.0	52.7	54.5	54.5	55.1	55.1	55.1	55.2	55.2	55.5	55.5
GE	3500	51.0	52.7	54.2	55.9	53.1	58.1	58.6	58.6	58.6	58.7	53.7	59.0	59.0
SE	3000	34.6	55.5	53.1	59.9	52.3	52.3	52.3	62.3	62.8	62.9	62.9	63.2	53.2
3r	2500	60.0	52.2	44.3	65.5	59.0	69.1	59.3	50.5	59.3	59.9	69.9	72.2	70.2
ģE	2000	64.1	53.3	71.0	73.2	75.0	76.1	76.9	76.9	76.3	75.9	75.9	77.2	77.2
ŚĘ	1200	57.7	59.0	72.7	74.9	77.3	78.0	79.6	73.6	78.5	78.7	78.7	79.0	79.0
GE	1500	59.3	71.9	75.2	77.5	90.5	80.6	81.3	01.3	31.3	81.4	81.4	31.7	81.7
GE	1200	70.3	73.7	77.2	90.0	34.3	84.4	85.3	85.3	85.3	85.4	35.4	85.7	85.7
						, , , ,				37.0	324.	374.	320.	.,,,,,,
3.5	1000	71.3	74.3	78.4	31.5	85.9	36.0	95.0	37.3	37.3	97.5	87.5	97.a	₽ 7. 8
3.5	200	71.5	74.6	78.9	92.0	35.5	96.5	37.5	33.0	38.0	83.2	88.3	38.6	50.5
GE	300	71.7	74.7	79.0	32.4	87.2	87.5	88.5	39.1	39.1	99.4	84.7	90.0	90.0
GE	700	72.2	75.7	90.4	83.9	83.9	39.4	90.4	91.3	91.5	91.7	92.0	92.4	92.4
GΕ	500	72.3	75.5	81.2	84.9	90.4	90.9	91.9	92.3	93.0	93.3	93.8	94.1	94.1
35	50)	72.5	75.7	31.4	55.5	91.3	92.3	93.7	74.5	74.7	95.5	95.9	95.2	35.2
٥r	400	72.5	75.7	81.4	85.5	91.7	92.4	94.0	74.5	95.1	95.3	95.8	97.1	97.1
ĈĒ	300	72.5	76.7	41.4	45.6	92.0	92.8	94.5	95.6	96.0	97.4	98.0	98.3	99.3
SΕ	200	72.5	75.7	81.4	85.6	92.0	92.8	94.6	76.1	96.6	93.0	98.6	98.9	99.2
ŝ€	100	72.5	75.7	31.4	35.5	92.0	92.8	94.5	96.1	96.6	98.0	98.6	93.9	99.5
3.5)))	72.5	76.7	31.4	35.5	92.0	92.8	94.6	36.1	26.6	99.0	98.5	99.9	92.5
• • •														• • • • • •

TOTAL NUMBER OF USSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY ORSERVATIONS

	1: R1 + 5	CKENE	AC	KER ANGB	з он		PERIOD MONTH:		ORD: MA HOURS: 0		FE3 88		
• •	• • • • •				STATUTE		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
	35			GE	SE		GE	GE	GE	GE	GE	GE	GE
	3	2	1/2		1 1/2	1 1/4	1	3/4	5/3	1/2	3/3	1/4	0
••	• • • • •	••••	• •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •
	29.5	5 29	• 5	29.6	29.6	29.6	29.6	29.6	29.8	29.8	29.8	29.8	29.8
	33.5		. 3	34.1	34.1	34.1	34.1	34.1	34.3	34.3	34.3	34.3	34.3
	33.5		. 3	_	34.1	34.1	34.1	34.1	34.3	34.3	34.3	34.3	34.3
	33.8		.8	34.1	34.1	34.1	34.1	34.1	34.3	34.3	34.3	34.3	34.3
	33.9		. 9		34.3	34.3	34.3	34.3	34.5	34.5	34.5	34.5	34.5
	34.8	3 34	• 8	35.3	35.3	35.3	35.3	35.3	35.5	35.5	35.5	35.5	35.5
	37.6	37	.6	33.1	38.1	38.1	38.1	39.1	38.3	38.3	38.3	38.3	38.3
	33.3		• 3	33.7	39.7	38.7	39.7	38.7	38.9	38.9	39.9	38.9	38.9
	42.2	42	• 2	42.5	42.6	42.6	42.6	42.6	42.8	42.8	42.8	42.8	42.8
	43.0	43	• 0	43.4	43.4	43.4	43.4	43.4	43.7	43.7	43.7	43.7	43.7
	43.9	43	• 9	44.4	44.4	44.4	44.5	44.5	44.7	44.7	44.7	44.7	44.7
	43.2	48	• 2	49.7	43.7	48.7	49.9	48.9	49.0	49.0	49.0	49.0	49.0
	51.2	5 1	• 3	51.8	51.8	51.9	51.9	51.9	52.2	52.2	52.2	52.2	52.2
	54.5	5.4	• 5	55.1	55.1	55.1	55.2	55.2	55.5	55.5	55.5	55.5	55.5
	53.1	. 58	. 1	53.6	58.6	58.5	58.7	53.7	59.0	59.0	59.0	59.0	59.0
	52.3	5 52	• 3	52.3	62.8	62.8	62.9	62.9	63.2	63.2	63.2	63.2	63.2
	57.0	69	. 1	57.3	69.5	59.8	69.9	69.9	70.2	70.2	70.2	70.2	70.2
	75.	76	• 1	76.8	76.9	76.3	75.9	76.9	77.2	77.2	77.2	77.2	77.2
	77.9	78	.0	78.5	78.6	78.6	78.7	78.7	79.0	79.0	79.0	79.0	79.0
	30.5	30	6	81.3	81.3	31.3	81.4	81.4	31.7	81.7	81.7	81.7	81.7
	34.3	84	. 4	85.3	85.3	85.3	85.4	85.4	85 .7	85.7	85.7	35.7	85.7
	55.7	36	. 0	95.0	97.3	37.3	97.5	87.5	87.2	87.8	87.3	87.3	87.8
	45.5		• 5	97.5	39.0	33.0	88.2	88.3	88.6	88.6	88.6	88.6	88.6
	37.2		. 5	89.5	99.1	39.1	99.4	89.7	90.0	90.0	90.0	90.0	90.0
	33.9		. 4	90.4	91.3	91.5	91.7	92.0	92.4	92.4	92.4	92.4	92.4
	90.4	90	• 9	91.9	92.3	93.0	93.3	93.8	94.1	94.1	94.1	94.1	94.1
	21.9		. 3	93.7	74.5	74.7	95.5	95.9	95.2	95.2	95.2	96.2	96.2
	91.7		. 4	94.0	94.5	95.1	95.3	96.8	97.1	97.1	97.2	97.2	97.2
	92.0		• 3	94.5	95.6	96.0	97.4	98.0	98.3	99.3	98.4	98.5	98.5
	92.0		-8	94.6	96.1	96.6	98.0	98.6	98.9	99.2	99.4	99.5	99.5
	92.0	92	8•	94.6	96.1	96.6	98.0	98.6	98.9	99.5	99.6	99.7	100.0
	92.0	92	. 3	94.6	96.1	26.6	99.0	98.5	98.9	99.5	99.6	99.7	100.0
• •	• • • • •	• • • • •	• • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •

USAFFTAC, ASHEVILLE NO PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL FROM HOURLY DESERVATIONS

ST	NCITA	NUMBER:	724285	STA LST	10 010	: + 5			3 OH		MONTH:	DEC	HOURS:	IAR 78 06-08
CE	ILING		•••••	• • • • • • •	• • • • • • •	•••••	urereti :		CTATUES	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	•••••
	IN	GE	G٢	GE	GE	GE			STATUTE					
F	EET	7	5	5	4	3	GE	GE	G€	GE.	GĘ	G€	G۶	ςę
		• • • • • •	•)	2 1/2	2		1 1/4	1	3/4	5/2	1/2
			******	• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •
	CEIL	25.2	25.8	26.8	26.9	27.5	27.8	28.4	28.5	28.6	28.6	28.6	28.6	28.9
	20000		28.7	30.3	30.6	31.3	31.6	32.3	32.5	32.5	32.5	32.5	33.5	2.2.0
GE	18000	29.2	23.8	30.4	30.8	31.4	31.7	32.4	32.5	32.6	32.5		32.5	32.P
ĢE	15000	29.4	29.0	30.6	31.0	31.6	31.9	32.6	32.8	32.8	32.8	32.5	32.6	32.3
GE	14000	28.9	29.6	31.2	31.5	32.2	32.5	33.1	33.3	33.3		32.8	32.8	33.1
GE	12000	29.5	30.1	31.8	32.3	32.9	33.2	33.9	34.1		33.3	33.3	33.3	33.7
					52. 5	,,,	23.6	33.7	34+1	34.1	34.1	34.1	34.1	34.4
GE	10000	33.1	33.8	35.5	35.9	36.6	35.9	37.5	37.7	37.7	2 2 2	27.7		
GE	9300	34.0	34.6	35.3	36.3	37.4	37.7	33.4			37.7	37.7	37.7	33.1
G₽	3000	37.3	38.4	40.2	40.6	41.3	41.6	42.3	39.6	33.5	33.6	33.6	38.6	39.9
SE	7000	38.5	39.7	41.5	42.0	42.7	43.0	43.7	42.5	42.5	42.5	42.5	42.5	42.9
GE	6000	38.9	40.0	42.0	42.5	43.3	43.7	44.3	43.9	43.9	43.9	43.9	43.9	44.2
				, L. • •	,	4000	73.1	44.5	44.5	44.5	44,5	44.5	44.5	44.5
GE	5000	42.0	43.1	45.2	45.5	46.5	45.8	47.4	47.5	47.6	17 /			
35	4500	43.4	44.0	47.2	47.7	43.5	48.9	49.5			47.5	47.7	47.7	43.1
35	4700	45.5	47.1	49.7	50.3	51.2	51.5	52.2	47. B	49.9	49.8	49.9	50.0	50.3
ĢĘ	3500	47.5	49.7	52.3	53.0	54.0	54.3	54.9	52.5	52.5	52.5	52.6	52.7	53.0
GE	3000	52.2	54.4	57.2	58.0	59.1	59.5		55.4	55.4	55.4	55.5	55.6	55.9
				,,,,	2.3 🕻 0	37.1	23.5	60.1	60.5	60.5	60.5	60.8	60.9	61.2
GE	2500	56.9	59.2	62.9	64.2	65.5	65.5	67.5	40 1	43.1	40.3	(O D		_
GE	2000	62.6	55.5	57.9	71.5	72.9	73.7	75.2	68 • 1	53.1	69.2	68.3	63.4	64.7
ĢĘ	1300	63.7	66.9	71.3	73.0	74.6	75.5		75.8	75.3	76.0	76.1	75.2	75.5
SE	1500	54.5	59.9	74.5	76.3	78.2	79.1	75.9	77.5	77.5	77.7	77.8	78.0	78.3
GĘ	1200	67.5	71.1	76.0	78.2	80.6		81.0	31.6	31.5	81.8	81.9	32.0	32.4
				1010	10.2	00.0	81.6	83.5	34.2	84.2	84.5	84.6	84.7	35.1
GE	1000	68.7	72.5	77.7	80.1	32.6	93.5	85.6	34.3	01 3				
35	300	59.4	73.1	79.5	91.0	33.4	84.5		36.2	86.3	36.9	87.0	87.1	27.5
C'E	900	59.5	73.4	78.9	91.5	34.4	85.5	35.3	37.5	37.6	33.2	98.3	83.4	99.2
GE.	700	60.5	73.3	79.5	82.5	95.9	87.0	88.0	ୟୁଥି ନ	88.9	89.5	99.6	89.7	90.1
GE	600	59.6	73.8	79.5	82.7	36.3		89.6	90.8	90.9	91.5	91.7	91.R	92.4
			, , ,	1743	3211	30.3	37.4	90.3	91.5	91.7	92.5	92.9	93.0	93.5
GE	500	69.6	73.8	79.7	83.1	37.4	88.5	01.7		0.7. 7	.			
SE	400	57.5	73.9	77.3	33.3	87.6	33.2 38.8	91.7	93.1	93.3	94.2	94.9	95.1	95.7
GF	300	69.6	73.0	79.8	63.3	87.5	90.0 89.2	92.4	94.0	94.2	95.2	96.0	95.1	96.8
GE	200	69.6	73.9	79.3	83.3	37 . 8		92.5	94.5	94.8	95.8	96.9	97.0	97.8
GĒ	100	69.6	73.9	79.8	83.3		49.2	92.8	94.7	94.9	95.9	97.1	97.3	98.6
_			,	17.0	ر ۽ د ن	87.8	39.2	92.9	94.3	95.1	96.0	97.2	97.4	99.0
GE	202	69.6	73.9	79.8	83.3	37.8	20. 3	0.1.0						
						31.5	99.2	92.9	94.8	95.1	96.0	97.2	97.4	99.0
						• • • • • • •	******	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • • • •	• • • •

TOTAL NUMBER OF DISERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY = FROM HOURLY DRISERVATIONS

.....

•	E: RIC	KENBACKI	ER ANGB	он		PERIOD OF RECORD: MAR 78 - FEB 88 MONTH: DEC HOURS: 06-08							
	•••••			STATUTE	MILEC		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	
	SE		GE.	GE		CE	SE	G€	GE	GE	GE	GE	
		GE 2 1/2			GE	GĘ.		578	1/2	3/9		0 2	
• •	3	2 1/2	2	1 1/2	1 1/4	1	3/4	2/2	172	3/7	1/4	9	
		• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	
5.9	27.5	27.8	28.4	28.5	23.6	28.6	28.6	28.6	28.9	28.9	29.1	29.4	
	31.3	31.6	32.3	32.5	32.5	32.5	32.5	32.5	32.8	32.8	33.0	33.2	
2.3	31.4	31.7	32.4	32.5	32.6	32.5	32.5	32.6	32.9	32.9	33.1	33.3	
1.0	31.6	31.9	32.6	32.8	32.8	32.8	32.8	32.8	33.1	33.1	33.3	33.5	
1.5	32.2	32.5	33.1	33.3	33.3	33.3	33.3	33.3	33.7	33.7	33.9	34.1	
2.3	32.9	33.2	33.9	34.1	34.1	34.1	34.1	34.1	34.4	34.4	34.6	34.8	
· • a	36.6	35.9	37.5	37.7	37.7	37.7	37.7	37.7	33.1	38.1	38.3	38.5	
5 • 3	37.4	37.7	33.4	39.6	38.5	35.4	33.6	38.6	39.9	38.9	39.1	39.4	
. 5	41.3	41.6	42.3	42.5	42.5	42.5	42.5	42.5	42.8	42.8	43.0	43.2	
. Š	42.7	43.0	43.7	43.9	43.9	43.9	43.9	43.9	44.2	44.2	44.4	44.5	
5	43.3	43.7	44.3	44.5	44.5	44.5	44.5	44.5	44.8	44.8	45.1	45.3	
1. 1 ₂	45.5	45.8	47.4	47.6	47.5	47.5	47.7	47.7	49.1	43.1	48.3	48.5	
	43.5	48.9	49.6	47.8	49.9	49.8	49.9	50.0	50.3	50.3	50.5	50.8	
1.3	51.2	51.5	52.2	52.5	52.5	52.5	52.6	52.7	53.0	53.0	53.2	53.4	
้เว็	54.0	54.3	54.9	55.4	55.4	55.4	55.5	55.6	55.9	55.9	56.1	56.3	
3 . 0	59.1	59.5	60.1	50.5	60.5	60.5	60.8	60.9	61.2	61.2	61.4	61.6	
	J / • •	2742	0011	30.0	50.5	00.5	00.7	00.7	0112	9112	01.4	01.0	
	65.5	65.5	67.5	68.1	53 .1	68.2	68.3	63.4	63.7	68.7	68.9	69.1	
1: • 5	72.9	73.7	75.2	75.º	75.3	76.0	76.1	76.2	76.6	76.6	76.8	77.0	
7.1	74.5	75.6	75.9	77.5	77.5	77.7	77.8	78.0	78.3	78.3	78.5	78.7	
5.3	73.2	79.1	81.0	31.6	31.5	81.8	81.9	32.0	82.4	32.4	82.6	82.8	
. 2	30.6	31.6	83.5	34.2	84.2	84.5	84.6	84.7	85.1	35.1	35.3	85.5	
. 1	32.6	93.5	35.6	36.2	86.3	86.9	87.0	€7.1	87.5	87.5	97.7	88.0	
1.5	33.4	84.5	35.3	97.5	37.6	33.2	88.3	33.4	88.8	93.8	89.0	89.2	
1.5	34.4	35.5	83.0	83.8	99.9	89.5	99.6	89.7	90.1	90.1	90.3	90.5	
9.5	35.9	87.0	89.6	90.8	90.9	91.5	91.7	91.8	92.4	92.4	92.7	92.9	
2 • 7	96.3	37.4	90.3	91.5	91.7	92.5	92.9	93.0	93.5	93.5	93.9	94.1	
. 1	37.4	98.5	91.7	93.1	93.3	94.2	94.9	95.1	95.7	95.7	96.0	96.2	
5.3	37.5	3H.3	92.4	94.0	94.2	95.2	95•0	96.1	96.8	95.8	97.1	97.3	
3.3	37.5	89.2	92.5	94.5	94.8	95.8	96.9	97.0	97.8	97.8	98.2	98.4	
3.3	37.8	H9.2	92.8	94.7	94.9	95.9	97.1	97.3	98.6	98.6	98.9	99.2	
3.3	37.8	39.2	92.9	94.3	95.1	95.0	97.2	97.4	99.0	99.1	99.5	100.0	
	71.00), • L	76.7	7403	/ J • A	75.5	7146	7167	,,,o	77.4	7700	100.0	
4.3	97.3	39.2	92.9	94.3	₹5•1	96.0	97.2	97.4	99.0	99.1	99.6	100.0	
l	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS

STATION N	UMRERI	724285		TO UTC	+ 5	KENBACKE	R ANSB			PERIOD MONTH:	DEC	HOURS: 09
CEILING	•••••	• • • • • • •	• • • • • •	• • • • • •			TV TN			• • • • • •	• • • • • •	• • • • • • • • •
IN	6F	SE	G F	GE	GE '	VISIBILI GE	_			٥.	٥.	c r
FEET	9 F	3 E 5	5	61. 4			GE	GE	GS.	GE	GE 3.44	GE E 43
F = 7 1	,	5	2		3	2 1/2	2		1 1/4	1	3/4	5/9
• • • • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • • •
NO CEIL	23.7	24.5	25.6	26.3	26.9	27.0	27.3	27.6	27.7	27.8	27.8	27.8
SE 20000	24.5	27.8	29.1	29.9	30.8	30.9	31.2	31.5	31.5	31.7	31.7	31.7
SE 18000	26.5	27.9	29.1	29.)	30.9	30.9	31.2	31.5	31.5	31.7	31.7	31.7
GF 16000	25.5	27.8	29.1	29.9	30.8	30.9	31.2	31.5	31.6	31.7	31.7	31.7
GE 14000	26.7	23.1	29.4	30.1	31.0	31.1	31.4	31.7	31.8	31.9	31.9	31.9
GE 12000	27.8	29.2	30.9	31.6	32.5	32.6	32.9	33.2	33.3	33.4	33.4	33.4
GE 10000	31.5	33.0	34.7	35.5	36.3	36.5	35.3	37.1	37.2	37.3	37.3	37.3
35 9000	32.4	33. व	35.5	36.2	37.1	37.2	37.5	37.9	33.0	38.1	39.1	34.1
GE 5000	35.4	37.4	39.4	40.1	41.0	41.1	41.4	41.7	41.8	41.9	41.9	41.9
GE 7 000	37.2	33.3	40.0	41.5	42.5	42.6	43.1	43.7	43.8	43.9	43.9	43.9
GE 6000	33.4	40.4	42.4	43.1	44.1	44.2	44.7	45.3	45.4	45.5	45.5	45.5
			_									
95 5000	40.2	42.3	44.2	45.2	46.1	45.2	45.3	47.3	47.4	47.5	47.5	47.5
GE 4500	42.2	44.4	45,5	47.5	43.5	48.7	49.2	49.9	49.9	50.0	50.0	50•Q
GE 4000	44.1	45.5	48.9	50.3	51.4	51.8	52.4	52.9	53.0	53.1	53.2	53.2
5E 3500	45.5	47.8	50.5	52.0	53.1	53.7	54 • <i>2</i>	54.7	54.8	54.9	55.1	55.1
GE 3000	45.5	51.6	54.7	56.5	57.3	58.5	59.0	59.6	54.9	60.4	60.5	60.5
GF 2500	53.1	56.7	50.3	52.9	54.7	4 C C	66.3	(7.3		(2.2	45.3	4.3.3
SE 2000	50.7	52.6	57.3			65 • 5	55.3	57.3	57.5	58.2	58.3	63.3
SF 1800	59.8	53.7	57.4.5 58.4	69.9 71.0	72.0 73.1	73.0	73.9	74.B	75.2	75.9	76.1	76.1 77.5
3E 1500	_	_				74.3	75.2	75.1	75.5	77.3	77.5	
	61.4	55.5	70.9	73.9	76.2	77.5	78.9	80.0	80.4	81.2	81.4	51.4
GE 1200	52.8	67.3	73.0	76.3	79.2	ძ0∙6	82.3	83.3	83.8	84.5	84.7	84.7
GE 1000	63.4	53.4	74.3	78.0	31.0	92.4	84.1	85.3	35.7	96.3	87.0	97.0
GE 900	63.4	42.5	74.6	74.4	81.4	82.9	94.7	95.9	35.3	37.4	87.6	97.6
GE 800	53.7	59.9	75.3	79.4	82.7	84.4	85.3	88.0	38.4	89.5	90.0	90.0
GE 700	64.0	59.4	75.0	30.4	83.9	85.7	33.2	90.0	90.4	91.5	92.3	92.3
GE 500	54.0	59.5	76.1	80.9	84.3	36.6	89.5	91.5	91.9	93.2	94.2	94.2
							• •					
GE 500	54.2	59.7	76.3	91.3	35.1	87.3	90.3	72.7	93.1	94.5	95.6	95.6
GE 400	64.2	59.7	75.3	91.4	85.3	87.5	90.6	93.3	93.8	95.4	96.6	96 • 6
SE 300	64.2	59.7	75.3	31.4	85.3	87.5	90.6	93.3	93.9	45.6	96.9	97.0
GE 200	64.2	59.7	76.3	81.4	85.3	37.5	90.6	93.3	93.9	95.3	97.3	97.4
GE 100	54.2	69.7	76.3	31.4	95.3	87.5	90.6	93.3	93.9	95.8	97.4	97.5
\$5 333	64.2	69.7	76.3	31.4	85.3	97.5	90.6	93.3	93.9	95.5	97.4	97.5
• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • •	

TOTAL NUMBER OF DESERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	1 NAM		KENBACKE	ER ANGB	он		PERIOD MONTH:	OF REC	ORD: M. HOURS: (FEB 88		
3	• • • • •	• • • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	••••••	• • • • •	• • • • • •
	3.7	SE	GE	98	SΞ		GE	GE	GE	GE	GE	GE	GE
1	•	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	3/8	1/4	0
. 1	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • •
7	• 3	26.9	27.0	27.3	27.6	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8
	. a	33.8	30.9	31.2	31.5	31.5	31.7	31.7	31.7	31.7	31.7	31.7	31.7
7 }	· • •	30.3	30.9	31.2	31.5	31.5	31.7	31.7	31.7	31.7	31.7	31.7	31.7
4)	30.8	30.9	31.2	31.5	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7
7	Ç • 1	31.0	31.1	31.4	31.7	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9
2	l • 5	32.5	32.6	32.9	33.2	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4
	• >	36.3	36.5	35.3	37.1	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3
٤.	• ?	37.1	37.2	37.5	37.8	33.0	33.1	39.1	38.1	38.1	33.1	38.1	38.1
!	.1	41.0	41.1	41.4	41.7	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9
3	.5	42.5	42.6	43.1	43.7	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9
$\begin{bmatrix} 1 \\ 1 \end{bmatrix}$	• 1	44.1	44.2	44.7	45.3	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5
	. ,	45.1	46.2	45.3	47.3	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5
	6.5	43.5	48.7	49.2	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	3	51.4	51.8	52.4	52.9	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2
` (• ()	53.1	53.7	54.2	54.7	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.1
	• 4,	57.3	59.5	59.0	59.6	59.9	60.4	60.5	60.5	50.5	60.5	60.5	60.5
		54.7	65.5	56.3	57.3	67.5	50.2	68.3	68.3	68.3	58.3	58.3	68.3
۱ () . · ·	72.0	73.0	73.9	74.A	75.2	75.9	76.1	76.1	76.1	76.1	76 · I	76.1
	•)	73.1	74.3	75.2	76.1	75.5	77.3	77.5	77.5	77.5	77.5	77.5	77.5
	}.⇒	75.2	77.5	78.9	30.0	80.4	81.2	31.4	81.4	81.4	31.4	31.4	81.4
,	• • •	79.2	30 . 5	82.3	83.3	83.8	84.5	84.7	84.7	84.7	34.7	84.7	84.7
	. :	31.0	92.4	84.1	85.3	35.7	96.8	87.0	87.0	87.0	87.0	87.0	87.0
	• •	41.4	82.9	84.7	95.9	36.3	97.4	87.6	97.6	97.7	87.7	37.7	87.7
	• •	82.7	84.4	85.3	88.0	39.4	89.5	90.0	90.0	90.1	90.1	90.1	90.1
4	• 4	33.9	95.7	38.2	90.0	90.4	91.5	92.3	92.3	92.5	92.5	92.6	92.6
	• "	44.3	36.6	ਰ9.5	91.5	91.9	93.2	94.2	94.2	94.4	94.4	94.7	94.7
	• 3	35.1	37.3	90.3	22.7	93.1	94.5	95.6	95.5	95.3	96.0	96.3	96.3
-		25.3	37.5	99.5	93.3	93.3	95.4	96.6	96.6	96.9	97.1	97.6	97.6
1	, , 4	35.3	87.5	90.6	93.3	93.9	95.6	96.9	97.0	97.4	97.6	98.2	98.2
	4	45.3	37.5	90.6	93.3	93.9	95.3	97.3	97.4	98.1	98.3	98.8	99.1
	• 4	35.3	87.5	90.6	93.3	93.9	95∙∂	97.4	97.5	99.2	98.4	99.5	100.0
-	.,	35.3	87.5	30.6	93.3	93.9	95.5	97.4	97.5	98.2	98.4	99.5	100.0
	• • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •			• • • • • • • •	• • • • • •	• • • • • •

OPERATING LUCATION MAM USAMETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISTEROM HOURLY DESERVATIONS

STATION	NUM		724285	LST	to utc:		CENBACKE	R ANGB	эн		PERIOD MONTH:		080: M HOURS:	
0.7.4		• • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	47.070.74.7	* * * * * * Fu	* * * * * * * * * * * * * * * * * * *	411.66	• • • • • • •	• • • • • •	• • • • • • •	• • •
CEILING		<u> </u>	GE	<i>r,</i> =	G =		AISIBILI	5E	STATUTE GE	GE	G E	GF	GE	
IN		4 E		-	-	GE	GE 2 1/2	2		1 1/4	GE 1	3/4	5/8	1
FEET		7	6	5	4	3	2 1/2	4.	1 1/2	1 1/4		3/ 4	2/3	
• • • • • •	• • • • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • •
NO CET	. 2	5.1	25.5	25.6	26.0	26.0	26.1	26.2	26.2	26.2	26.2	26.2	26.2	2
SE 2000	00 2	3.7	29.5	29.7	30.2	30.2	30.3	30.4	30.4	30.4	30.4	30.5	30.5	3
3F 1300		я . 9	23.7	20.8	30.3	30.3	30.4	32.5	37.5	30.5	37.5	30.5	30.6	3
GE 1600		9.9	29.7	29.3	30.3	30.3	30.4	30.5	30.5	30.5	30.5	30.6	30.6	3
SF 1400		8.8	29.7	29.9	30.4	30.4	30.5	30.6	30.6	30.6	30.6	30.8	30.8	3
GE 1200	O 2	9.2	30.1	30.3	30.9	30.9	31.0	31.1	31.1	31.1	31.1	31.2	31.2	3
GE 100	าก เ	3.8	34.6	34.8	35.4	35.4	35.5	35.6	35.6	35.6	35.6	35.7	35.7	3
GE 90		4.3	35.7	36.0	36.5	35.5	36.7	35.8	35.8	36.8	36.8	36.9	35.9	3
GF 800		0.4	39.5	39.8	40.4	40.5	40.6	40.8	40.8	40.8	40.8	40.9	40.9	4
SE 700		0.1	41.3	41.6	42.5	42.7	42.8	42.9	43.0	43.9	43.0	43.1	43.1	4
GE 500		1.2	42.4	42.3	43.7	43.9	44.0	44.1	44.2	44.2	44.2	44.3	44.3	4
GE 500)) 4	2.3	43.5	44.1	45.1	45.3	45.4	45.5	45.6	45.6	45.5	45.7	45.7	4
GF 450		4.1	45.2	45.5	47.4	47.6	47.7	47.8	43.0	43.0	43.0	43.1	48.1	4
55 400		6.9	43.8	49.7	50.5	51.1	51.2	51.4	51.5	51.5	51.5	51.6	51.6	5
GF 350	00 4	9.3	51.9	52.8	53.3	54.2	54.4	54.6	54.8	54.8	54.8	54.9	54.9	5
GE 300) 0 5	3.5	56.0	56.9	58.1	53.9	59.1	59.4	59.6	59.6	59.6	59.7	59.7	5
3Ē 25;) o 5	9.2	42.2	63.3	54.9	55.9	55.3	66.5	56.7	65.9	67.0	67.3	07.3	6
SE 201	00 6	4.5	49.5	59.7	71.7	73.2	73.3	74.1	74.4	74.4	74.6	75.1	75.1	7
GE 190	00 6	5.1	69.0	70.5	72.7	74.1	74.7	75.1	75.4	75.4	75.5	75.0	76.0	7
35 15/	00 6	7.5	72.0	74.3	77.3	73.5	79.2	79.6	79.9	79.9	80.3	80.8	80.8	8
GE 120)) 6	9.2	74.0	76.5	79.2	31.4	82.0	52.9	83.3	83.4	84.2	34.6	84.6	8
GE 109)) 7	0.5	75.7	75.7	81.5	34.1	34.7	85 .7	30.2	35.5	37.2	57.8	87.8	3
	on 7	0.6	76.0	79.0	82.0	84.6	85.3	86.3	87.0	87.2	38.0	88.6	98.6	4
GE 90	00 7	1.3	75.8	79.9	93.3	85.1	96.8	88.2	88.9	97.1	99.4	90.5		٥
GE 78	00 7	1.3	75.3	30.0	43.4	85.7	37.5	89.2	90.1	30.4	91.4	92.3	-	q
GE 60	ეე 7	1.3	77.0	å0.3	83.8	37.1	88.3	20.4	91.3	91.6	92.6	93.8	93.9	9
		1.3	77.1	30.5	84.1	37.7	39.2	91.9	93.1	93.4	94.5	95.7		9
	-	1.3	77.1	30.5	34.2	33.0	49.5	92.3	93.3	94.2	95.3	96.6		
		1.3	77.1	30.5	84.2	83.0	89.5	92.3	93.9	94.3	95.5	97.4		
ÿE 2	OO 7	1.3	77.1	೭೦∙5	84.2	33.0	89.5	92.3	93.9	94.3	95.5	97.7		
GE 1	00 7	1.3	77.1	80.5	84.2	88.0	89.5	92.3	93.9	94.3	95.5	97.7	97.8	9
GE 0	on 1	1.3	77.1	30.5	84.2	38.0	89.5	92.3	73.9	94.3	95.5	97.7	97.3	Q
• • • • • •	• • • • •		• • • • • • •		• • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • •

TOTAL NUMBER OF DESERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

45: RIC : + 5	KENBACKE	R ANGB	Эн		PERIOD:	OF RECE	ORD: M. HOURS:		FEB 88		
	VISIBILI	TY IN	 STATHTE	MILES		• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •
ĴΕ	GE	SE	GE		GE.	GF	GE	GE	GE	GE	GE
3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	ō
• • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
25.0	25.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
33.2	30.3	30.4	30.4	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.5
30.3	30.4	30.5	30.5	30.5	30.5	30.5	30.6	30.5	30.5	30.6	30.6
30.3	30.4	30.5	30.5	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6
33.4	30.5	30.6	30.6	30.6	30.6	30.8	30.8	30.8	30.8	30.8	30.8
33.9	31.0	31.1	31.1	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2
35.4	35.5	35.6	35.6	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7
35.5	35.7	35.8	35.8	35.3	36.3	35.9	35.9	36.9	36.9	36.9	35.9
40.5	40.6	40.9	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9
42.7	42.8	42.9			43.0	43.1	43.1	43.1	43.1	43.1	43.1
43.9	44.0	44.1	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3
.5.3	45.4	45.5	45.5	45.6	45.5	45.7	45.7	45.7	45.7	45.7	45.7
47.5	47.7	47.8	43.0	48.0	43.0	43.1	48.1	49.1	43.1	43.1	48.1
51.1	51.2	51.4	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.5
54.2	54.4	54.6	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9
53.9	59.1	59.4	59.6	59.6	59 . 6	59 .7	59.7	59 .7	59.7	59.7	59.7
55.9	55.3	66.5	56.9	66.9	67.0	67.3	07.3	67.3	67.3	67.3	67.3
73.2	73.3	74.1	74.4	74.4	74.6	75.1	75.1	75.1	75.1	75.2	75.2
74.1	74.7	75.1	75.4	75.4	75.6	75.0	76.0	75.0	76.0	76.1	76.1
73.5	79.2	79.6	79.9	79.9	80.3	80.8	80.8	80.8	80.8	80.9	80.9
31.4	82.0	32.9	83.3	83.4	84.2	34.6	84.6	84.6	84.6	84.7	84.7
14.1	34.7	85.7	30.2	35.5	37.2	6 7. 8	87.8	87.8	37.8	88.0	88.0
34.5	85.3	86.3	87.0	97.2	38.0	68.6	88.6	99.6	83.6	98.7	88.7
45.1	36.8	88.2	38.9	99.1	89.9	90.5	90.5	90.8	90.8	90.9	90.9
35.7	3 7.5	89.2	90.1	30.4	91.4	92.3	92.3	92.5	92.5	92.6	92.6
37.1	89.3	90.4	91.3	91.6	92.6	93.8	93.9	94.3	94.4	94.6	94.6
37.7	39.2	91.9	93.1	93.4	94.5	95.7	95.8	96.3	95.5	96.7	96.7
33.0	89.5	92.3	93.3	94.2	95.3	95.6	96.7	97.4	97.5	97.7	97.7
93.0	89.5	92.3	93.9	94.3	95.5	97.4	97.5	98.4	98.5	98.7	98.7
33.0	89.5	92.3	93.9	94.3	95.5	97.7		99.0	99.1	99.6	99.7
99.0	89.5	92.3	93.9	94.3	95.5	97.7	97.8	99.0	99.1	99.6	100.0
33.0	89.5	92.3	73.9	94.3	95.5	97.7	97.8	99.0	99.1	99.6	100.0
• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • •

OPERATING LOCATION "A"
USAFFTAG, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI FROM HOURLY DESERVATIONS

STATION N			LST	TO UTC	+ 5	KENBACKE	R ANGB	-		:HTMCM	DEC	HOURS:	ΜΑR 15=
001. 140	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •			• • • • • • • • • • • • • • • • • • •			• • • • • • •	• • • • • •	• • • • • •	• • • •
CEILING			•-			VISIBILI							
[N	GΕ	35	• GF	G F.	GE	GE	SĘ	SE	GE	e E		G F	_
FEET	7	5	5	4	3	2 1/2	2		1 1/4	1	3/4	5/3	1
• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • •
NU CEIL	24.9	25.2	25.4	25.6	25.7	25.7	25.7	25.9	25.9	25.9	25.9	25.9	2
95 20000	28.9	29.2	29.5	29.3	29.9	29.9	29.9	30.1	30.1	30.1	30.1	30.1	3
GE 19000	29.9	29.2	29.5	29.3	29.9	29.9	29.9	30.1	30.1	30.1	30.1		
GF 16001	20.7	29.4	29.7	29.9	32.0	30.0	30.0	30.2	30.2	30.2	30.2		-
GE 14000	29.0	29.4	29.7	29.9	30.0	30.0	30.0	30.2	30.2	30.2	30.2		, a
GE 12000	29.9	30.2	30.5	30.8	30.9	30.9	30.9	31.1	31.1	31.1	31.1		
00 12300	27.7	J J J L	3003	30.0	,	J • •	30.7	3111		J	3	,	•
SF 10000	35.5	36.0	36.3	36.6	35.7	36.7	36.7	35.9	36.9	36.9	36.9	36.9	3
SE 9000	36.1	35.7	77.0	37.2	37.3	37.3	37.3	37.5	37.5	37.5	37.5		-
GE 8000	33.9	39.6	40.0	40.2	47.3	40.3	40.3	40.5	40.5	40.5	40.5		
GE 7000	40.3	41.0	41.4	41.8	42.0	42.0	42.0	42.3	42.3	42.3	42.3		
GE 5000	41.1	41.7	ذ.42	42.7	42.9	42.9	42.9	43.1	43.1	43.1	43.1		
			, , ,		,			, , , , ,					,
SE 5000	42.5	43.2	43.9	44.4	44.6	44.5	44.5	44.3	44.8	44.5	44.5	44.	4
35 4500	44.6	45.5	45.5	47.0	47.2	47.2	47.2	47.4	47.4	47.4	47.4	47.4	
GE 4000	47.0	48.0	49.4	50.2	51.0	51.0	51.1	51.3	51.3	51.3	51.3		
GE 3500	50.2	51.4	52.8	53.7	54.4	54.5	54.8	55.1	55.1	55.1	55.1		
GE 3000	56.2	57.7	59.4	60.2	61.3	51.4	61.8	62.3	62.3	62.3	62.3		
00 0000	,,,,				V	320.		3213	••••	• • • • • • • • • • • • • • • • • • • •	0211	02.02	J
95 2500	62.4	45.3	57.2	59.3	69.5	59.5	70.3	70.4	70.4	70.4	70.4	70.4	. 7
35 2000	66.2	70.2	72.3	74.0	75.7	75.9	76.5	77.0	77.0	77.0	77.0	77.0	
35 1900	67.1	71.2	74.0	75.4	77.3	77.5	78.1	78.6	78.6	79.6	79.6	78.6	. 7
SE 1500	59.)	74.4	77.7	79.8	32.4	92.6	83.3	34.0	84.1	84.2	84.2		
GE 1200	71.2	76.1	79.9	32.3	35.7	35.9	87.0	37.5	87.7	88.0	88.0		
					, ·				•				
SF 1000	71.3	77.0	31.2	23.8	33.0	PB.2	89.4	99.0	90.1	90.4	99.5	90.5	c,
SE 301	71.9	77.3	21.5	84.2	33.5	98.9	93.5	91.2	91.4	91.7	91.8	91.4	c
SE 900	72.2	77.6	31.9	84.5	39.2	89.6	91.9	92.5	92.9	93.2	93.3	93.3	c
GE 700	72.2	77.7	81.9	34.7	39.5	89.9	92.4	93.2	93.5	94.0	94.2	94.2	ç
GE 600	72.2	70.0	32.2	85.3	90.1	90.5	93.0	94.0	94.3	94.7	94.9		
GC 500	72.2	73.0	32.2	85.3	90.4	90.9	93.9	94.8	95.3	95.9	95.1	96.2	
3F 400	72.2	73.1	92.3	35.4	70.5	91.0	94.2	95.6	95.2	97.2	97.5	97.5	
GE 300	72.2	78.1	H2.3	35.4	90.5	91.2	94.4	95.8	96.5	97.4	98.0	98.2	ç
GE 200	72.2	75.1	82.3	35.4	90.5	91.2	94.4	95.8	95.5	97.4	98.1	93.3	9
GE 100	72.2	73.1	32.3	35.4	90.5	91.2	94.4	95.8	96.5	97.4	98.1		
											_		
35 333	72.2	73.1	32.3	85.4	77.5	91.2	94.4	95.3	96.5	37.4	98.1	99.3	, c
		• • • • • • • •					• • • • • •						

TOTAL NUMBER OF JESERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	ME: RIC : + 5	KENBACK	ER ANGB	ЭH		PERIOD MONTH:	OF REC	DRD: M. HDURS:		FEB 88		
	• • • • • • • •	······································		STATUTE	MILES	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • •
	G E	GE	SE	SE	GE	GE	G F:	GE	GE	GE	GE	GE
٠,	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/ 8	1/2	3/8	1/4	0
• • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •
6 •	25.7	25.7	25.7	25.9	25,9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
. :	29.9	29.9	29.9	30.1	30,1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
. 3	29.9	29.9	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
. 7	30.0	30.0	30.0	30.2	30,2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
• à	30.0	30.0	30.0	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
• 3	30.9	30.9	30.9	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
,	35.7	36.7	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
	37.3	37.3	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
. 2	40.3	40.3	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
• "	42.3	42.0	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
. 7	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
. 4	44.5	44.6	44.6	44.R	44.8	44.8	44."	44.4	44.9	44.R	44.8	44.3
. `	47.2	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
• 2	51.0	51.0	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
. 7	54.4	54.5	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
• .'	61.3	51.4	61.8	62.3	62.3	52.3	62.3	62.3	62.3	52.3	62.3	62.3
٠, 3	5).5	59.5	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5
• . 3	75.7	75.9	75.5	77.0	77.9	77.0	77.0	77.0	77.1	77.1	77.1	77.2
. 4	77.3	77.5	78.1	78.5	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.3
• •	32.4	32.6	43.3	84.0	54.1	84.2	84.2	84.2	84.3	84.3	84.3	84.4
• •	35.7	35.9	87.0	3 7. 5	87.7	33.0	38.0	88.0	86.1	ਰਰ•1	88.1	88.2
. ,	₹3.0	P3.2	37.4	90.0	90.1	90.4	99.5	90.5	90.6	90.6	90.6	90.8
. '	33.5	98.8	97.5	91.2	71.4	91.7	91.3	91.8	91.9	91.9	91.9	92.0
• >	39.2	99.6	91.9	92.6	92.9	93.2	93.3	93.3	93.5	93.5	93.5	93.7
. 7	39.5	89.9	92.4	93.2	93.5	94.0	94.2	94.2	94.4	94.4	94.4	94.5
. ;	90.1	90.5	93.0	94.0	94.3	94.7	94.9	95.1	95.4	95.4	95.5	95.6
. 3	90.4	90.9	93.9	94.8	95.3	95.9	96.1	96.2	96.6	96.6	95.7	96.9
	22.5	91.0	94.2	95.6	95.2	97.2	97.5	37.6	98.3	98.3	98.5	98.7
. 4	90.5	91.2	94.4	95.8	96.5	97.4	98.0	98.2	98.8	98.8	99.1	99.5
. 4	90.5	91.2	94.4	95.8	95.5	97.4	98.1	93.3	98.9	98.9	99.2	99.8
• 4	90.5	91.2	94.4	95.8	96.5	97.4	98.1	93.3	93.9	98.9	99.4	99.9
. 4	77.5	21.2	94.4	75.3	96.5	77.4	98.1	98.3	99.9	98.9	99.4	100.0
••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS

ST.	ATION >	NUMBER:	724285	LST	IAN NGIT DTU UTC		KENBACKE	R ANGS	он		PERIOD HINDH	OF REC	ORO: MA HOURS: 1	AR 18
Ć.E	ILING	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	* * * * * * * * * * * * * * * * * * *	TY IN	STATUTE	MILES	• • • • • • •	• • • • • • •	• • • • • • •	• •
-	[4	de.	SF	5 <u>E</u>	SE	GE	GE	58	SE	GE	GE	GE	GE	
	EET	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/3	
• •	• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	••••	•••••	• • • • • •	• • • • • • •	• •
NO	CEIL	27.7	27.3	28.2	28.6	28.9	23.9	28.9	29.0	29.0	29.0	29.0	29.0	
	20000	31.7	31.3	32.2	32.6	32.9	32.9	32.9	33.0	33.0	33.3	33.0	33.0	
	19000	31.7	31.∃	32.2	32.5	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	
	15000	31.7	31.8	32.2	32.6	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	
	14000	31.9	32.0	32.4	32.3	33.1	33.1	33.1	33.2	33.2	33.2	33.2	33.2	
GE	12000	32.5	32.5	32.9	33.3	33.7	33.7	33.7	33.3	33.3	33.8	33.8	33.3	
GE	10000	36.5	37.9	37.3	37.7	33.1	38.1	38.1	38.2	33.2	35.2	33.2	34.2	
35	იეეი	37.1	37.5	33.0	38.4	33.7	38.7	39.7	38.3	38.3	38. 8	38.8	39.8	•
35	3000	40.5	41.4	41.9	42.4	42.7	42.7	42.7	42.3	42.8	42.8	42.8	42.B	4
GE	7000	41.3	42.2	42.7	43.1	43.7	43.7	43.7	43.8	43.8	43.8	43.3	43.8	4
GE	6000	41.9	42.5	43.3	43.8	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	4
SE	5000	43.3	44.2	44.7	45.2	45.7	45.7	45.7	45.3	45.0	45.3	45.8	45.3	ı
35	4500	46.7	47.5	48.3	48.7	49.5	49.6	43.5	49.7	44.7	49.7	49.7	49.7	£
SE	4000	50.1	51.4	52.5	53.1	54.0	54.0	54.0	54.1	54.1	54.1	54.]	54.1	•
SF	3500	53.7	×4.9	55.1	56.8	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	•
GE	3000	58.0	59.2	51.0	51.5	63.1	53.1	63.2	63.5	53.5	63.5	63.5	63.5	ť
ŝξ	2500	64.0	55.9	5a.3	69.6	71.0	71.1	71.2	71.6	71.5	71.5	71.6	71.6	;
35	2000	57.3	57.5	73.2	74.3	76.5	75.7	77.)	77.4	77.4	77.4	77.4	77.4	•
SS	1300	59.4	70.8	75.1	76.3	79.4	78.5	79.9	79.4	79.4	79.4	79.4	79.4	•
SE	1500	70.3	72.9	77.5	79.3	31.5	82.0	82.3	83.2	33.2	33.2	33.2	93.2	ţ
SΕ	1200	71.3	74.2	30.2	63.7	36.1	86.6	88.2	88.6	ಕಿಕಿ.5	88.6	88.6	33.6	١.
SE	1000	71.7	74.9	81.1	54.8	87.4	37.8	49.8	90.3	30.3	90.3	30.3	90.3	f
7,5	200	72.0	75.4	∃1.5	95.5	33.2	88.7	90.9	91.4	91.4	91.5	91.5	91.5	ť
G c	800	72.0	75.4	31.5	85.6	83.8	89.6	91.7	92.3	32.3	92.4	92.7	92.A	
Ç	700	72.0	75.7	82.3	86.2	39.9	90.5	93.1	93.7	93.7	93.8	94.2	94.3	
GE	500	72.0	75.7	32.0	86.3	90.3	91.3	94.2	94.9	95.1	95.4	95.8	95.3	·
ŝΕ	500	72.2	75.3	32.2	35.7	90.3	91.7	95.2	75.9	95.0	96.3	96.8	95.9	*.
35	400	72.2	75.₽	92.2	36.7	97.9	91.7	75.3	95.5	95.7	97.0	97.5	97.5	(
ĢF	300	72.2	75 · B	32.2	86.7	90.3	91.7	95.3	95.8	97.0	97.5	98.2	98.3	•
GE	200	72.2	75.0	82.2	85.7	90.8	91.7	95.3	96.9	97.1	97.6	98.6	98.7	τ
GE	100	72.2	75.8	82.2	35.7	90.8	91.7	95.3	96.9	97.1	97.6	98.6	98.7	(
٠. د د	101	72.2	75.¤	92.2	26.7	9) , a	91.7	95.3	95.7	97.1	97.6	99,5	98.7	

TOTAL NUMBER OF DESERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

- ATION NAME: RICKENBACKER ANGS OH PERIOD OF RECORD: MAR 78 - FEB 88 MONTH: DEC HOURS: 18-20

• • • • • • •	, , , , , , , , , , , , , , , , , , , ,	/ISIBILI	TY IN	STATUTE	MILES	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••
SΕ	GE	GE	sa	5 E	GE	GE	GE	G€	GE	SE	GE	GE
4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/9	1/4	0
23.6	23.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
										•		
32.5	32.9	32.9	32.9	33.0	33.0	33.J	33.0	33.0	33.0	33.0	33.0	33.0
32.5	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
32.5	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
32.3	33.1	33.1	33.1	33.2	33.2	33.2	33. <i>2</i>	33.2	33.2	33.2	33.2	33.2
33.3	33.7	33.7	33.7	33.3	33.3	33.8	33.8	33.3	33.8	33.9	33.8	33.8
		2.	30 1	30.3	2 1 2	30.3	20. 2		20 2	2 2	20.3	30.3
37.7	33.1	38.1	39.1	33.2	39.2	38.2	39.2	34.2	39.2	38.2	38.2	38.2
34.4	33.7	38.7	33.7	38.8	39.3	38.8	38.8	38.8	38.9	38.8	38.8	38.3
42.4	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.B	42.8	42.8	42.8	42.8
43.1	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
43.H	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
45.2	45.7	45.7	45.7	45.3	45.8	45.3	45.8	45.8	45.8	45.8	45 . d	45.8
40.7	49.5	49.6	43.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
3.1	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
16.3	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
51.∃	63.1	63.1	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
	3341	33	0312	03.7	,,,,	0,00	0,000	3347	0307	03.7	3347	9347
27.6	71.0	71.1	71.2	71.6	71.5	71.5	71.5	71.5	71.6	71.5	71.7	71.7
74.3	75.5	75.7	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5
76.3	79.4	79.6	79.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5
79.3	81.5	82.0	92.3	83.2	93.2	93.2	33.2	93.2	83.2	83.2	83.3	83.3
33.7	35.1	86.6	88.2	88.6	88.5	88.6	88.6	38.6	88.6	88.6	38.7	86.7
	57.4	37.8	89 . 8	90.3	20.3	90.3	20. 2	00.3	90.3	00.2	00.6	90.4
5.5	33.2						70.3	90.3		90.3	90.4	
		88.7	55.5	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6
35.5	83.9	89.6	91.7	92.3	92.3	92.4	92.7	92.8	92.8	92.8	92.9	92.9
46.2	39.9	90.5	93.1	93.7	93.7	93.8	94.2	94.3	94.3	94.3	94.4	94.4
-5.3	90.3	91.3	94•2	94.9	95.1	95.4	95.8	95.9	95.9	95.9	96.1	96.1
	90.9	91.7	95.2	95.9	95.0	96.3	90.5	95.9	97.0	97.0	97.2	97.2
15.7	93.2	91.7	25.3	95.5	95.7	97.0	97.5	97.5	97.7	97.7	98.0	98.0
15.7	90.8	91.7	95.3	95.8	97.0	97.5	98.2	98.3	98.5	98.5	98.7	98.7
25.7	90.8	91.7	95.3	96.9	97.1	97.5	98.6	98.7	99.0	99.1	99.6	99.6
95 .7	90.8	91.7	95.3	96.9	97.1	97.5	98.6	98.7	99.1	99.2	99.7	99.8
_						_						
PA.7	97.4	91.7	95.3	95.9	97.1	97.5	99.5	98.7	99.1	99.2	99.7	100.0
	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •	• • • • • •

LIT

0000

2

3 9 4

DPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI USAFFTAC, ASHSVILLE NO FROM HOURLY OBSERVATIONS

			724285	LST	יסוט מד	+ 5	KENBACKF				MONTH:	DEC	C795: Haurs:	
	LING	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •				STATUTE		• • • • • •	• • • • • •	• • • • • • •	• • • •
1	*4	Ģ.E	GF	GE	C.⊏	3F	G€	SE	SE	GF	GF	GE	GE	
Ł.E	FT	7	4	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/9	1
• • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • •		• • • • • •	• • • • • •	• • • • •	• • • • • •	• • • •
NIT	CEIL	29.9	30.0	31.0	31.2	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	3
.40	0.10	_ ′• ′	.,0,0	31.0	31.0	22.4	J2 • •	26.0	3247	3.43	22.3	36.7	32.0	
	30000	33.2	34.1	34.6	34.3	35.0	36.0	36.1	36.2	35.2	36.2	36.2	36.2	
-	19000	33.2	34.1	34.5	34.5	35.0	36.0	30.1	35.2	36.2	35.2	35.2		
	15000	33.2	34.1	34.5	34.9	35.0	36.0	35.1	35.2	36.2	36.2	36.2		
	14000	33.3	34.2	34.7	34.9	36.1	36.1	36.2	36.3	36.3	36.3	36.3	36.3	-
GE	12000	33.4	34.3	34.0	35.1	35.2	36.2	36.3	36.5	36.5	36.5	35.5	36.5	3
35	10000	35.5	37.5	39.3	33.5	39.7	39.7	39.3	30.0	39.9	39.9	39,9	39.9	4
SE	9000	37.2	34.4	20.0	39.2	40.4	40.4	40.5	40.6	40.6	40.6	40.6	40.6	4
SE	9000	40.5	41.7	42.5	42.7	43.9	43.9	44.0	44.1	44.1	44.1	44.1	44.1	4
3E	7000	41.7	43.1	43.9	44.2	45.4	45.4	45.5	45.6	45.5	45.0	45.6	45.6	4
GE	6000	42.5	43.3	44.5	44.3	45.0	45.0	46.1	46.2	46.2	46.2	46.2	45.2	4
35	5000	46.6	45.9	47.7	48.1	49.2	49.2	49.4	40.5	49.5	49.5	47.5	47.5	4
35	4501	49.7	an.2	51.4	51.7	52.9	52.9	53.0	53.1	53.1	53.1	53.1	53.1	Ä
35	4000	53.7	54.0	55.5	55.3	53.0	58.0	58.1	53.2	58.2	53.2	53.2	59.2	5
ÜÈ	3500	55.0	57.3	5₫. გ	59.1	60.5	60.5	60.6	50.9	60.9	50.9	50.9	60.9	5
SE	3000	50.2	51.5	63.1	63.7	65.2	55.2	65.5	55.7	65.7	65 ⋅ 8	55.8	65.8	5
Ç٢	2500	55.5	63.3	79.1	70.5	72.3	72.4	72.7	72.9	72.9	73.0	73.0	73.0	7
r, c	2000	67.7	71.7	74.4	75.2	76.9	77.1	77.5	77.8	77.8	72.0	75.0		
35	1300	70.5	72.7	75.7	76.5	79.2	78.4	73.9	77.1	79.1	79.2	79.2		
GE	1500	74.3	75.3	79.A	80.8	32.6	82.R	83.5	83.8	83.8	84.0	84.0	34.0	ą
GE	1200	74.5	77.1	31.3	83.0	35.2	85.4	85.2	36.5	85.5	86.8	86.8	3 5. 3	
3 F	1000	74.4	77.7	82.2	84.3	35.6	37.0	33.0	08.3	33.3	48.5	98.5	នុធ.5	م
35	າງງ	75.4	73.4	32.3	34.7	37.7	98.3	39.5	39.8	39.8	90.0	90.0		
SE	きつつ	75.4	73.5	83.0	95.2	93.5	89.4	90.5	97.9	91.0	91.2	91.2	91.2	a
G E	700	75.5	78.9	33.4	85.5	39.2	90.1	91.6	92.0	92.2	92.4	92.4	92.4	9
ĞΕ	60)	75.5	7∄. भ	33.7	36.3	90.2	21.1	92.9	93.4	93.7	94.1	94.1	94.1	9
Ç	500	75.6	77.1	33.3	96.5	30.0	91.9	94.8	95.4	35.5	96.1	95.1	95.1	9
Ġ.c	400	75.5	72.0	33.3	36.7	91.3	92.4	95.5	95.5	96.7	27.1	97.2		
ĠE	300	75.5	79.0	43.8	H6.7	91.5	92.5	95.3	96.8	97.0	37.4	97.7		
GE	200	75.6	13.5	ಚ3.6	35.7	91.5	92.6	95.3	95.9	97.1	97.5	99.0		
ĞĒ	100	75.5	79.0	33.5	86.7	91.5	92.5	95.8	96.9	97.1	97.5	98.0	_	
ĢF	าวา	75.6	79.0	स्व, व	₹6.7	91.5	92.6	95.3	26.9	97.1	97.6	98.9	93.2	9
	• • • • •													
														-

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

יסוע מו		CKENBACKE	R ANGB	он		MONTH:	DE REC!	HOURS:	21-23	FEB 88		
•••••	• • • • • • •	VISIBILI	TY IN	STATUTE	MILES	• • • • • •	• • • • • • •	••••		• • • • • • •		••••
9.e	3F	GE	SE	SE	G.F	SF.	GE	G.S.	GE	GE	GE	GE
4	3	2 1/2	2		1 1/4	1	3/4	5/9	1/2	3/3	1/4	้า
	• • • • • •							• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
31.2	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
14,3	35.0	36.0	36.1	35.2	35.2	35.2	36.2	36.2	36.3	35.3	36.5	36.5
34.5	35.0	35.0	36.1	35.2	36.2	35.2	36.2	35.2	36.3	36.3	36.5	36.5
34.3	36.0	36.0	35.1	35.2	36.2	36.2	36.2	36.2	36.3	35.3	36.5	36.5
54. F	35.1	36.1	36.2	36.3	36.3	36.3	36.3	36.3	36.5	36.5	36.6	36.6
15.1	35.2	35.2	36.3	36.5	36.5	36.5	35.5	36.5	36.6	36.6	36.7	36.7
3 . 5	37.7	39.7	37.3	30.0	39.9	39.9	39.9	39.9	40.0	40.0	40.1	40.1
37.2	47.4	40.4	40.5	42.5	40.6	40.6	40.6	40.6	40.9	40.8	40.7	40.9
42.7	43.9	43.9	44.0	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.3	44.3
44.2	45.4	45.4	45.5	45.6	45.5	45.5	45.6	45.6	45.7	45.7	45.8	45.8
44.3	45.0	45.0	46.1	46.2	46.2	46.2	46.2	45.2	45.3	46.3	46.5	46.5
1	43.2	49.2	49.4	40.5	49.5	49.5	49.5	47.5	49.6	49.6	49.7	49.7
71.7	52.9	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.3	53.3
7.5. • ₹	53.0	58.0	58.1	58.2	58.2	59.2	53.2	58.2	58.3	58.3	53.4	58.4
59.1	60.5	60.5	50.5	50.9	60.9	60.9	50.9	60.9	61.0	61.0	61.1	61.1
~3.7	65.2	55.2	65.5	65.7	65.7	65.8	55 . 8	65.8	65.9	65.9	66.0	66.0
75	72.3	72.4	72.7	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.2	73.2
73.2	75.9	77.1	77.6	77.9	77.8	78.0	78.0	78.0	78.1	73.1	78.2	78.2
75.5	73.2	78.4	73.9	77.1	79.1	79.2	79.2	79.2	73.4	79.4	79.5	79.5
5.26%	32.5	32.₽	53.5	83.8	33.8	44.0	84.0	84.0	84.1	84.1	34.2	34.2
53.0	35.2	85.4	35.2	36.5	85.6	86.3	85.8	80.8	86.9	35.9	87.0	87.0
4.3	85.A	37.7	34.9	ag.3	33.3	38.5	98.5	88.5	88.5	33.6	99.7	88.7
4.1	47.7	44.3	23.5	39.8	३०. म	90.0	90.0	90.0	90.1	90.1	90.2	90.2
14.2	43.5	89.4	30.5	91.9	91.0	91.2	91.2	91.2	91.3	91.3	91.4	91.4
15.0	37.2	90.1	91.5	92.0	92.2	92.4	92.4	92.4	92.5	92.5	92.6	92.6
19.3	90.2	21.1	92.9	93.4	93.7	94.1	94.1	94.1	94.2	94.2	94.3	94.3
4 5	17.9	91.9	94.9	95.4	75.5	95.1	75.1	96.1	95.2	96.2	96.3	96.3
5.7	91.3	92.4	95.5	95.5	96.7	97.1	97.2	97.2	97.3	97.3	97.4	97.4
~'.7	71.5	92.6	95.3	96.A	97.0	77.4	97.7	97.8	98.2	98.2	98.3	98.3
55.7	91.5	92.6	95.3	96.9	97.1	97.5	98.0	98.1	93.6	98.8	98.9	98.9
>~.7	41.5	92.6	95.5	96.9	97.1	97.5	98.0	98.2	93.7	99.0	99.4	100.0
6 P	91.5	92.5	95.3	26.9	97.1	9 7. 6	98.0	93.2	93.7	99.0	99.4	100.0
• • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •

)3)

DPERATING LOCATION "A"
USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VERSUS VERSUS AND HOURLY DISCREVATIONS

STATION A	NUM3E4:	_	LST	TO UTC	+ 5	KENBACKE				MONTH:	OF RECT	
CCI INC	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •				STATUTE		• • • • • • •	• • • • • • •	• • • • • • •
CEILING	3.5	g =	GE.	65	95	GE	GE .	SE.	GE	ge.	GE	GE
EEFT.	_	-	95 5	9 5	3		2		1 1/4		3/4	5/8
•	7	4		4		2 1/2			1 1/4	1	3/4	7/7
• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •		• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •
NO CEIL	26.0	27.1	27.7	28.2	28.8	28.8	29.0	29.1	29.1	29.1	29.1	29.2
GE 20000	30.0	30.7	31.5	32.1	32.6	32.7	32.9	33.1	33.1	33.1	33.1	33.1
SE 13000	32.1	30.4	31.5	32.1	32.7	32.7	33.0	33.1	33.1	33.1	33.1	33.1
SF 16000	30.1	30.8	31.5	32.1	32.7	32.3	33.0	33.1	33.1	33.1	33.2	33.2
GF 14000	37.3	31.0	31.7	32.3	32.9	33.0	33.2	33.3	33.3	33.3	33.4	33.4
GE 12000	30.9	31.6	32.4	33.0	33.5	33.7	33.9	34.0	34.0	34.0	34.1	34.1
	• • • •	•			• •					• -		
GE 10000	34.7	35.5	35.4	37.0	37.7	37.7	3d.0	38.1	33.1	38.1	34.1	33.1
3F 9000	35.4	35.3	37.2	37.3	33.4	39.5	34.7	34.4	34.7	38.9	38.9	38.9
SE RODO	30.4	39.4	40.9	41.5	42.2	42.3	42.5	42.6	42.5	42.5	42.6	42.7
GE 7000	40.0	41.1	42.1	42.9	43.6	43.7	43.7	44.1	44.1	44.1	44.1	44.2
GE 6000	40•ਏ	41.9	43.0	43.7	44.4	44.5	44.9	44.)	45.0	45.0	45.0	45.0
		• •		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							.,,	
GE 5000	42.9	44.2	45.3	46.1	45.9	47.0	47.2	47.4	47.4	47.4	47.5	47.5
GF 4500	45.5	4.6 . 3	43.1	49.0	49.9	49.9	50.2	57.4	50.4	50.4	50.4	50.5
SF 4000	47.4	40.0	51.5	52.5	53.5	53.6	53.9	54.1	54.1	54.1	54.1	54.2
GF 3500	51.0	52.7	54.4	55.4	56.5	55.5	56.9	57.2	57.2	57.2	57.2	57.3
SE 3000	55.2	57.1	59.0	50.2	51.5	61.6	62.0	62.3	62.3	62.4	62.5	52.5
	*											
GE 250)	60.9	53.2	55.7	67.2	53.3	69.1	59.5	70.0	70.1	70.2	70.3	73.3
95 2000	55.6	4्व.ु•	71.5	73.4	75.2	75.5	76.2	75.5	76.7	75.9	77.0	77.0
GF 1900	65.6	51.5	72.3	74.7	75.5	77.0	77.6	70.1	72.1	79.3	79.4	73.5
OF 1500	57.0	72.2	75.9	78.1	80.3	ვა. ვ	31.5	22.1	32.2	92.4	82.5	32.5
GE 1200	73.2	13.7	73.0	80.5	33.5	84.0	35.1	35.0	85.8	85.1	36.2	85.2
GE 1007	70.5	74.7	79.3	32.2	35.4	45.9	37.2	9 7. 3	5 7. 9	38.3	83.5	ಕಿತ₀ತ
3F 903	71.1	75.1	79.3	42.9	35.1	36,7	88.2	98.5	39.0	29.4	87.5	37.5
५६ ५७७	71.3	75.4	30.1	93.4	37.1	97.9	39.5	90.2	90.4	90.9	91.1	91.2
3F 700	71.5	75.8	90.5	84.1	99.1	89.0	90.9	91.7	91.9	92.4	92.2	92.9
GE 500	71.5	75.9	80.9	54.5	88.9	39.9	92.0	93.0	93.2	93.8	94.3	94.4
GE 5))	71.5	75.0	31.1	55.0	34.5	90.5	93.2	74.3	94.6	95.3	95.0	95.9
GF 430	71.5	75.7	91.1	96.1	39.3	90.3	93.5	95.C	45.3	25.2	95.8	96.9
3F 300	71.5	75.0	91.1	35.1	37.9	91.0	93.8	95.3	95.8	95.7	97.5	97.7
GE 200	71.0	76.0	31.1	35.1	39.9	91.0	93.9	95.5	95.9	95.9	97.9	98.1
GE 190	71.5	76.3	91.1	35.1	39.9	91.0	93.9	95.5	95.9	96.9	98.0	93.1
				-						•		
35 000	71.5	75.0	a1 • 1	95.1	30.9	91.0	23.9	95.5	95.9	35.9	93.0	93.1
		<i>.</i>		• • • • • •								

TOTAL NUMBER OF JASERVATIONS 7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY: FROM HOURLY OBSERVATIONS

MAR REIT	+ 5					MONTH:		ORD: MA URS: ALI		FEB 88		
• • • • • • •		visibili				• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
5=	5 5	GE	GE	GE		GΞ	GE	GΕ	GE	GE	GE	SE
4	´3	2 1/2	2		1 1/4		3/4	5/8	1/2	3/3	1/4	0
								• • • • • • •				
23.2	28.8	28.8	29.0	29.1	29.1	29.1	29.1	29.2	29•2	29.2	29.2	29.3
32.1	32.6	32.7	32.9	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.3	33.3
32.1	32.7	32.7	33.0	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.3	33.3
32.1	32.7	32.3	33.0	33.1	33.1	33.1	33.2	33.2	33.3	33.3	33.3	33.3
32.3	32.9	33.0	33.2	33.3	33.3	33.3	33.4	33.4	33.5	33.5	33.5	33.5
33.0	33.5	33.7	33.9	34.0	34.0	34.0	34.1	34.1	34.2	34.2	34.2	34.2
37.0	37.7	37.7	3d.0	38.1	33.1	38.1	38.1	38.1	33.2	38,2	38.3	38.3
37.4	33.4	38.5	34.7	38.8	33.9	38.9	38.9	38.9	39.0	39.0	39.0	39.1
41.5	42.2	42.3	42.5	42.6	42.6	42.5	42.6	42.7	42.8	42.8	42.8	42.9
42.9	43.5	43.7	43.3	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.3	44.3
43.7	44.4	44.5	44.8	44.9	45.0	45.0	45.0	45.0	45.1	45.1	45.2	45.2
**: • 1	45.9	47.0	47.2	47.4	47.4	47.4	47.5	47.5	47.6	47.5	47.5	47.7
47.0	49.9	49.7	50.2	50.4	50.4	50.4	50.4	50.5	50.6	50.6	50.6	50.5
52.5	53.5	53.6	53.9	54.1	54.1	54.1	54.1	54.2	54.3	54.3	54.3	54.4
55.4	55.5	56.5	55.9	57.2	57.2	57.2	57.2	57.3	57.4	57.4	57.4	57.5
50 • 2	51.5	61.6	62.0	62.3	62.3	62.4	62.5	62.5	62.6	62.6	52.7	62.7
57.2	53.3	59.1	59.5	70.0	70.1	70.2	70.3	70.3	70.4	70.4	70.5	70.5
73.4	75.2	75.5	76.2	75.5	76.7	75.9	77.0	77.0	77.1	77.1	77.2	77.2
74.7	75.5	77.9	77.6	78.1	78 • 1	78.3	79.4	78.5	78.6	73.6	78.6	78.7
79.1	80.3	გე . ც	31.5	82.1	32.2	92.4	82.5	32.6	82.7	82.7	32.7	82.8
a ∂. 5	33.5	84.0	35.1	35.5	85.8	86.1	86.2	86•2	86.3	86.3	36.4	86.4
42.2	35.4	95.9	37.2	8 7. 3	87.9	38.3	89.5	88.5	89.6	83.6	38.7	8€.7
(2 · 3	35.1	36.7	83.2	98.8	39.0	90.4	23.5	89.5	89.7	99.7	89.8	89.9
43.4	37.1	97.9	99.5	90.2	90.4	90.9	91.1	91.2	91.4	91.4	91.5	91.5
44.1	99.1	39.3	90.9	91.7	31.9	92.4	92.A	92.9	93.1	93.1	93.2	93.2
34.5	88+9	39.9	92.0	93.0	93.2	93.8	94.3	94.4	94.6	94.7	94.8	94.9
55 . 2	39.6	90.5	93.2	94.3	94.5	95.3	95.8	95.9	95.2	96.3	96.4	96.5
≥ 4 • 1	49.3	90.3	93.5	95.0	95.3	25.2	96.8	96.9	97.3	97.4	97.6	97.5
45.1	37.9	91.0	93.8	95.3	95.8	96.7	97.6	97.7	98+2	98.2	98.5	98.5
35.1	39.9	91.0	93.9	95.5	95.9	95.9	97.9	98.1	98.8	98.9	99.2	99.3
35.1	39.9	91.0	93.9	95.5	95.9	96.9	98.0	93.1	98.9	99.0	99.5	100.0
45.1	30.0	91.0	33.9	95.5	95.9	95.9	98.0	93.1	98.9	99.0	99.5	100.0
• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •

7440

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBLE FROM HOURLY OBSERVATIONS

STI	' POITA	NUMBER:	724285		TION NAM TO UTC:		CKENBACKE	R ANGS	94		-	OF RECO		
CE!	ILING	• • • • • • •	• • • • • • • •		• • • • • • •		VISIBILI				• • • • • • •	• • • • • • •	•••••	• • • • •
	IN	65	3 =	ĠĘ	GE		GE	3E	STATUTE :		GF	GE	GE	GE
	EET	7	4	5	4	3	2 1/2	2		1 1/4	-	3/4	5/4	1/2
• • •	• • • • • •	• • • • • •	• • • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••
GN	CEIL	36.9	39.1	41.2	42.7	44.0	44.4	44.9	45.2	45.3	45.4	45.5	45.5	45.
ÇF	20000	41.2	43.7	46.1	47.3	49.3	49.7	50.4	50 .7	50.7	50.9	51.0	51.0	51.
	19000	41.2	43.8	45.2	47.9	49.4	49.8	50.5	50.7	50.9	51.0	51.1	51.1	51.
	16000		43.8	46.2	47.9	49.4	49.8	50.5	50.8	50.8	51.0	51.1	51.1	51.
	14000	41.5	44.1	46.5	48.2	49.7	50.1	50.8	51.1	51.2	51.3	51.4	51.4	51.
ÜE	12000	42.3	45.0	47.5	49.2	50.8	51.2	51.9	52.1	52.2	52.4	52.5	52.5	52.
ŋ c	10200	44.7	47.6	50.2	52.1	53.8	54.3	54.7	55.2	55.3	55.5	55.5	55.6	55.
GE	9000	45.5	43.4	51.2	53.1	54.4	55.3	55.0	55.3	55.4	55.5	56.6	55 .7	55.
SE	3000	44.3	52.1	55.1	57.2	59.1	59.6	60.4	50.8	60.9	51.1	61.2	51.2	51.
GE		49.9	53.2	56.3	58.5	60.4	61.0	61.8	52.1	62.2	62.4	62.5	62.6	52.
GE	6000	50.5	53.9	57.∪	59.2	61.2	61.7	62.5	52.9	63.0	63.2	63.3	63.4	53.
n F	5000	52.5	56.1	59.4	51.7	53 . 8	54.3	65.2	55.6	55.7	55.9	66.0	55.1	55.
Ϋ́	4500	54.3	58.0	51.5	63.9	65.1	55.7	67.6	57.9	59.1	68.3	68.4	68.4	53.
GE	4000	56.9	40.₽	54.5	67.3	69.6	70.3	71.2	71.7	71.3	72.0	72.1	72.2	7.2 •
GE	3500	59.0	63.2	57.2	70.0	72.5	73.2	74.2	74.7	74.8	75.0	75.1	75.2	75.
GE	3000	51.€	56.4	70.7	73.7	76.4	77.2	73.3	78∙8	78.9	79.1	79.3	79.3	79.
3F	2500	64.8	59.6	74.2	77.4	30.4	81.2	52.4	92.0	33.1	33.3	83.5	93.5	eq.
G ⊏	2000	66.9	72.0	76.9	90.4	83.6	84.5	85.9	35.4	36.5	25.9	87.0	37.1	87.
35	1800	67.3	72.4	77.4	0.19	94.2	85.1	36.5	37.0	37.2	37.5	87.7	87.7	97.
GE	1500	58.7	74.1	79.4	83.3	36.8	87.7	89.3	89.9	90.1	90.5	90.6	90.7	90.
GE	1200	59.5	75.1	80.7	84.8	83.7	89.7	91.4	92.2	92.4	92.7	92.9	93.0	93.
Ç۲	1000	47.3	75.6	31.4	45.7	89.7	90.8	92.7	93.5	93.7	94.2	94.4	94.4	94.
ŚĘ	້າວາ	70.0	75.9	31.7	36.1	90.2	91.4	93.4	94.2	94.5	94.9	95.1	95.2	95.
7,5	900	70.1	76.0	82.0	86.5	99.9	92.1	94.2	95.1	95.3	95.8	95.1	96.1	95.
GE	700	70.2	75.1	92.1	86.8	91.3	92.5	94.8	95.3	95.1	96.5	96.9	96.9	97.
GE	500	70.2	75.2	52.3	37.0	91.6	93.0	95.3	96.4	96.7	97.2	97.5	97.6	97.
3 F	503	70.2	75.2	32.3	37.1	91.8	93.2	95.7	95.8	37.2	27.8	99.1	23.2	98.
Ś۶	400	70.7	75.3	32.3	37.1	91.9	93.3	95.9	77.1	77.5	98.1	98.5	99.7	0.8
Ğ۳	300	70.2	75.2	32.3	H7.1	91.9	93.3	95.9	97.2	97.5	99.3	98.8	98.9	99.
GE	200	70.2	75.2	82.3	87.1	91.9	93.3	95.9	97.2	97.6	98.3	98.9	99.0	99.
GE	100	70.2	75.2	32.3	87.1	91.9	93.3	95.9	97.2	97.6	98.4	98.9	99.0	99.
SE.	იიი	70.2	76.2	52.3	87.1	91.9	93.3	95.9	9 7. 2	97.5	79.4	95.9	99.0	99.

TOTAL NUMBER OF OBSERVATIONS: 87665

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FRUM HOURLY OBSERVATIONS

	E: RI + 5	CKENBACKE	ER ANGB	04				ORD: MA URS: ALL		FE8 88		
• •	• • • • •	VICIRIO		STATUTE	MILES	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••
	36		SE	GE	GE	GF	GE	GE	GE	GE	GE	SE
	ોં 3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/9	1/2	3/8	1/4	Õ
								• • • • • •		• • • • • •		• • • • •
1												
	44.0	44.4	44.9	45.2	45.3	45.4	45.5	45.5	45.6	45.5	45.7	45.7
	43.3	49.7	50 /	50.7	50.7	50.9	51.0	51.0	51.1	51.1	51.2	51.3
•	47.3	49.5	50.4 50.5	50.7	50.8	51.0	51.1	51.1	51.2	51.2	51.3	51.3
	49.4		50.5	50.8	50.8	51.0	51.1	51.1	51.2	51.2	51.3	51.4
	49.7		50.8	51.1	51.2	51.3	51.4	51.4	51.5	51.5	51.6	51.7
	50.8		51.9	52.1	52.2	52.4	52.5	52.5	52.6	52.6	52.7	52.7
l	53,8	-	54.7	55.2	55.3	55.5	55.6	55.6	55 .7	55.7	55.8	55.9
ļ.	54 • =		56.0	55.3	56.4	55.5	56.6	56.7	56.7	56.8	56.8	56.9
	59.1	59.6	50.4	50.8	60.9	61.1	61.2	61.2	61.3	61.3	61.4	61.4
	50.4	61.0	51.3	62.1	62.2	62.4	62.5	62.6	62.6	62.7	62.7	62.8 63.6
-	51.2	61.7	62.5	52.9	63.0	53.2	63.3	63.4	63.4	63.5	63.5	0.5.0
,	53.0	54.3	55 • 2	55.6	55.7	55.9	66.0	55.1	55.1	55.2	56.2	66.3
	55.1	55.7	67.5	57.9	58.1	69.3	68.4	68.4	53.5	63.5	58.6	68.7
3	59.6	73.3	71.2	71.7	71.9	72.0	72.1	72.2	72.3	72.3	72.3	72.4
	72.5	73.2	74.2	74.7	74.9	75.0	75.1	75.2	75.3	75.3	75.4	75.4
7	75.4	77.2	73.3	78∙8	78.9	79.1	79.3	79.3	79.4	79.4	79.5	79.6
				22.0			22.6	22 5	07 (22 6	83.7	83.9
•	33.4 33.6	31 • 2 84 • 5	52.4 85.9	92.9 35.4	33.1 36.6	33.3 25.9	83.5 87.0	83.5 87.1	83.5 87.2	83.6 97.2	97.3	87.4
•	94.2		95.5	97.0	37.2	37.5	87.7	87.7	97.8	87.8	87.9	88.0
,	35.8	_	89.3	89.9	90.1	90.5	90.6	90.7	90.8	90.8	90.9	91.0
	33.7		91.4	92.2	92.4	92.7	92.9	93.0	93.1	93.1	93.2	93.3
					, = .							
	33.7	90.8	92.7	93.5	93.7	94.2	94.4	94.4	94.6	94.6	94.7	94.8
	90.2	91.4	93.4	94.2	94.5	94.9	95.1	95.2	95.3	95.4	95.4	95.5
	99.9	92.1	94.2	95.1	95.3	95.8	95.1	96.1	96.3	96.3	96.4	96.5
•	91.3		94.8	95.3	96.1	96.6	95.9	96.9	97.1	97.1	97.2	97.3
′	91.6	93.0	95.3	76.4	96.7	97.2	97.5	97.6	97.8	97.8	98.0	98.0
	31.A	93.2	35.7	25.8	37.2	27.8	98.1	93.2	98.5	94.5	98.6	98.7
•	31.0		95.9	97.1	77.5	98.1	98.6	98.7	98.9	99.0	99.1	99.2
	91.9		95.9	97.2	97.6	98.3	98.8	98.9	99.2	99.2	99.4	99.5
	91.9	93.3	95.9	97.2	97.6	98.3	98.9	99.0	99.3	99.4	99.6	99.8
	91.9	93.3	95.9	97.2	97.5	98.4	98.9	99.0	99.4	99.4	99.7	100.0
	21.9	93.3	95,9	27.2	97.5	38.4	95.9	99.0	99.4	99.5	99.7	100.0
	• • • • •						• • • • • •	• • • • • •				• • • • • •

DPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER USAFFTAC, ASHEVILLE NO FROM HOURLY DESCRIVATIONS

			UTC: + 5			M	FRIOD OF RECORD UNTH: JAN HOURS	:ALL
•••••	• • • • • • • • • • • •	• • • • • • • • • • • •	• • • • • • • •	AIRWAY CLA		• • • • • •	• • • • • • • • • • • • • • •	•••••
មហូប១ S (LST)		SCATTERED			DBSCURATION	91 172		TOTAL DBS
00-02	15.3	12.6	10.2	59.1	1.7	71.1	3.2	930
03-05	17.2	11.0	10.1	59.4	2.4	71.9	2.5	930
06-08	11.5	15.6	11.2	53.7	3.0	72.3	3 • 2	930
09-11	7.1	18.0	16.5	55.5	3.0	74.9	6.1	930
12-14	4.5	15.6	23.5	55.4	• 9	79.∂	3.9	930
15-17	4 • ?	16.7	21.2	56.6	1 • 4	79.1	2.5	930
13-20	11.0	15.0	18.6	52.6	2.0	73.2	3.4	930
21-23	15. ₹	12.4	14.0	54.4	2.5	70.9	3.5	930
ALL HOURS	11.7	14.0	15.0	56.0	2.0	74.9	3.0	7440
						M	INTH: FEB HOURS	: ALL
	••••	****						
00-02	17.2	13.7	11.9	52.4	4.8	59.1	2.4	849
03-05	17.3	14.3	9.1	53.3	5.5	55.4	4 . 4	943
05-06	11.9	17.9	13.9	50.3	6.0	70.2	6.2	649
09-11	5.5	16.5	19.7	50.2	5 • 2	75.0	7.2	349
12-14	7.1	14.7	21.3	54.3	2.6	78.2	5.3	৪4৭
15-17	5.1	16.0	20.5	57.4	1.1	74.9	4.5	847
18-20	8.5	19.4	16.9	52.1	3.2	72.1	4.3	847
21-23	16.5	14.3	14.7	50.2	4.3	69.1	3.0	346
ALL HOURS		15.8	16.0	52.6	4 • 1	72.7	4.6	5707

a - 3 - 1

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY DBSERVATIONS

NAME: RICKENBACKER		MO	RIOD OF RECORD NTH: JAN HOURS	:ALL	E9 88
AIRWAY CE READVEN DEVENSE READVEN	LASSES TOTAL DBSCURATION	9T 1/2	PARTIAL OBSCURATION	TOTAL OBS	
15.2 59.1	1.7	71.1	3.2	930	
10.1 59.4	2.4	71.8	2.5	~ 93 0	
11.2 53.7	3.7	72.9	3.2	930	
16.5 55.5	3.0	74.9	6.1	930	
23.5 55.4	• 9	79.3	3.9	930	
21.2 56.6	1.4	79.1	2.5	930	
18.6 52.6	2.0	73.2	3.4	930	
14.9 54.4	2.5	70.9	3.5	930	
15.0 56.0	2.0				
	•		NTH: FEB HOURS		
11.7 52.4	4,8	59.1	2.4	849	
7.1 53.8	5.5	65.4	4.4	349	
13.9 50.3	6.0	70.2	6.2	849	
19.7 50.2	5 • 2	75.0	7.2	849	
21.3 54.3	2.6	78.2	5.3	849	
20.5 57.4	1.1	79.9	4.5	849	
16.9 52.1	3.2	72.1	4,3	847	
14.7 50.2	4.3	59.1	3.0	946	

0 - 3 - 1

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION	NUMBER: 7342		N NAME: R UTC: + 5		HC BDNA		ERIOD OF RECORD	
• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • •			• • • • • • •	• • • • • • • • • • • • • •	•••••
HOURS (LST)		SCATTERED			TOTAL NCITASUDSEC	1/2	DESCUPATION	วธร
00-02	24.3	11.1	12.7	50.2	1.2	64.1	1.7	930
03-05	24.3	11.5	10.9	52.4	• 3	54.1	2.4	930
06-08	13.3	19.2	20.0	47.6	• 9	58.5	3.9	930
09-11	ರ.5	21.7	21.0	47.4	1.4	69.3	2.9	930
12-14	7.1	21.7	21.0	49.8	• 2	71.0	2.2	930
15-17	6.1	19.9	24.7	50.3		75.1	1 • 2	930
18-20	11.1	18.5	19.2	50.8	• 4	70.4	1.7	930
21-23	20.5	15.6	14.1	49.4	• 4	63.9	1.2	930
AEL HOURS		17.0			•0	68.0	2.0	7440
						м(SADCH APA: HTMC	: ALL
33- 32		18.3			•3	55.3	.4	900
03-05	27.3	15.6	15.4	40.0	• 7	55.1	1.2	900
₽0 − 03	13.7	24.5	13.9	41.9	1.0	61.8	3.4	900
09-11	11.3	21.9	22.7	43.6	• 6	56.3	2 • 1	900
12-14	7.3	23.1	24.7	44.9	. 3	69.5	. 4	999
15-17	5.4	22.9	25.1	44.7	. 3	70.7	• 2	900
18=20	7.1	25.4	21.8	44 • t	• 2	66.6	• 4	900
21+23	20.9	21.3	16.3	41.2	• 3	57.9	• 3	900
ALL HOURS	15.1	21.3			.5	63.1	1.1	7199

0 - 3 - 2

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

N NAME: I	5	ANGB OH	MS	ERIOD OF RECORD ONTH: MAR HOURS	:ALL	FEB 88
33.)KEN	AIRWAY CLA OVERCAST	SSES TOTAL DBSCURATION	7T 1/2	PARTIAL OBSCURATION		
12.7		1.2			930	
10,9	52.4	• •	54.1	2.4	930	
²0 • 0	47.6	• ?	58.5	3.9	930	
21.0	47.4	1 • 4	69.8	2.9	930	
21.0	49.8	• 2	71.0	2.2	930	
24.7	50+3		75.1	1.2	930	
19•2	50•8	• 4	70.4	1.7	930	
14.1	49.4	• 4	63.9	1.2	930	
17.0	49.0	•0	59.0	2.0	7440	
				SPUCH RAV : HINZ	: ALL	
15.9		• • • • • • • • • • • • • • • • • • • •			900	
15.4	40.0	• 7	55.1	1.2	900	
13.7	41.9	1.0	61.8	3.4	900	
22.7	43.6	• 6	56. 8	2.1	900	
24.2	44.9	•3	69.5	. 4	899	
25.1	44.7	• 3	70.7	• 2	900	
21.3	44.6	• 2	66•6	• 4	900	
16.3	41.2	•3	57.9	• 3	900	
20•1	42.5	• 5	63.1	1.1	7199	

OPERATING LOCATION MAN PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER USAFETAGE ASHOVILLE NO FROM HOURLY OBSERVATIONS

STATION NU	MBER: 724)		UTC: + 5	-	HC 82MA		ERIOD OF RECORD ONTH: MAY HOURS	
4008S (LST)	CLEAR	SCATTERED	ведкел	AIRWAY CL. DVERCAST	TOTAL OBSCURATION		DBSCUPATION	TOTAL DBS
00-02	30.1	19.2	15.2	35.5	• • • • • • • • • • • • • •	50.6	1.9	930
03-05	24.1	21.9	15.5	37.5	• 3	54.0	4.3	930
06-03	13.4	24.1	19.8	41.6	1.1	52.5	5.6	930
09-11	11.1	24.6	23.0	41.3		64.3	.1.4	930
12-14	5.3	24.0	29.6	40.1		59.7	• 5	930
15-17	4.1	26.2	31.0	33.7		59.7	• 9	930
18+20	7.3	26.6	25.5	41.0		66.5	1.0	930
21-23	20.4	24.3	19.5	35.8		55.3	1.0	930
ALL HJURS	14.0	23.6	22.0	38.0	• 0	61.0	2.0	7440
						w'	Duth: JON 4008S	: ALL
00-02	29.5	25.4	19.9	24.7	.2	44.8	4.7	900
03+05	21.7	29.4	19.3	28.0	1.1	49.7	7.6	900
06-03	10.4	30.4	25.7	31.2	1.2	59.1	9.1	900
09-11	15.3	29.0	29.4	31.2		50.7	2.3	900
12-14	3.0	?7.2	39.0	30.0		69.0	1.0	900
15-17	2.9	31.6	37.8	27.8		65.6	1.5	300
18-20	5.1	33.2	30.0	30.7		50.7	2 • 4	900
21-23	21.5	30.4	23.1	24.9		49.7	2.7	900
ALL HOURS	13.3	29.6	26.2	23.6	.3	57.1	3.9	7200

7 - 3 - 3

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

, TO UTC: +				RIOD OF RECORD NTH: MAY HOURS		FE8 88
• • • • • • • • • •	AIRWAY CLA		• • • • • • •			
BRAKEN	OVERCAST	CHITARUSSEC	1/2	PARTIAL OBSCUPATION	TOTAL DBS	
15.2	35.5	• • • • • • • • • • • • • •	50.6		930	
15.5	37.5	• B	54.0	4.3	930	
19.8	41.6	1.1	62.5	5.6	930	
23.0	41.3		64.3	1 • 4	930	
29.6	40.1		59.7	• 5	930	
31.0	38.7		54.7	• 9	930	
25.5	41.0		66.5	1.0	930	
19.5	35. ⁹		55.3	1.0	930	
22.0	39.0	•0	51.0	2.0	7440	
			40	งเมาะ มนก ฯวบคร	: ALL	
	• • • • • • • • • • • • • •	• • • • • • • • • • • • •				
19.9	24.7	• 2	44.8	4.7	900	
19.3	28.0	1.1	49.9	7.6	900	
25.7	31.2	1 • 2	59.1	9 • 1	900	
29.4	31.2		60.7	2.3	900	
39.0	30.0		69.0	1.0	900	
37.9	27.8		55.6	1.6	300	
30.0	30.7		50.7	2 • 4	900	
⁷ 3.1	24.9		49.7	2.7	900	•
28.2	23.6	. 3	57.1	3.9	7200	

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

N NEITATE	имве с: 7 242) UTC: + 5			M(ERIOD OF RECORD ONTH: JUL HOURS	SIALL
(LST)	-	SCATTERED	веакей	AIRWAY CL OVERCAST	ASSES TOTAL OBSCUPATION	GT 1/2	OBSCUPATION	TOTAL DBS
00-02	30.)	27.2	18.6	23.3		41.9		93(
03-05	29.4	23.2	19.3	22.2	• 5	42.5	12.0	931
36-08	18.3	25.9	25.5	28.3	1.7	55.3	17.2	33'
09-11	11.3	30.3	29.8	28.6		68.4	4.9	93(
12-14	2.4	31.0	37.3	29.4		65.7	2.0	931
15-17	1.4	35.4	37.8	25.4		43.?	3.3	93'
13-20	5.1	39.4	30.2	25.4		65.6	3.0	931
21-23	20.1	32.7	23.5	23.7		47.2	7.7	931
ALL	14.2	31.0	27.0	25.0	• 2	53.0	7.0	744(
* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	, • • • • • • • • • • • •				и:	SPUCH QUA :PTMC	S: ALL
00-02	30.1	27.3	19.1	23.4		42.5	8.5	93;
03-05	25.2	30.3	17.6	26.1	• 3	44.5	11.7	93(
05-03	9.9	34.1	23.7	29.9	3.1	56.0	21.1	930
09-11	9.2	31.2	25.9	33.5	• 1	59.6	5.5	931
12-14	2.2	29.7	38.8	27.4		58.1	3.2	924
15-17	1.4	35.1	34.6	27.8		52.5	3.5	930
18-20	5. 3	36.5	29.8	27.3		57.1	5.3	93(
21-23	21.4	32.6	24.4	21.5	. 1	45.0	4.8	93(
ALL HOURS	13.2	32.2	25.7	27.4	.5	54.6	8.1	7436

7 - 3 - 4

1

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

	UTC: + 5		ANGB DH	M	ERIDD OF RECORD ONTH: JUL HOURS	:ALL	FEB 8
. ŋ	BROKEN	AIRWAY CLA OVERCAST	ASSES TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS	
• • • •	18.6	23.3	• • • • • • • • • • • • • • • • • • • •	41.9	7.7	930	
	19.8	22•2	•5	42.5	12.0	930	
	26.5	23.3	1.7	55.8		930	
	29.8	28.6		58.4	4.9	930	
	37.3	29.4		65.7	2.0	930	
	37.8			63.2		930	
	30.2			55.6		930	
	23.5	23.7		47.2	7.7	930	
	27.0	25.0	•)		7.0		
•••	• • • • • • • • •	• • • • • • • • • • •	•••••		INTH: AUG HOURS		
		23.4			8.5	930	
	17.6	26.1	• 8	44.5	11.7	930	
	23.9	29.9	3.1	56.0	21.1	930	
	25.9	33.5	• 1	59.6	5.6	930	
	38.8	29.4		68.1	3.2	929	
	34.6	27.8		52.5	3.5	930	
	29.8	27.3		57.1	5.3	930	
	24.4	21.5	• 1	45.0	4.8	930	

7 - 3 - 4

25.7 27.4 .5 54.6 8.1 7439

1

"OPERATING LUCATION MAM": PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER USAFETAG, ASHRVILLE NO FROM HOURLY OBSERVATIONS

UN NEITATZ	MBER: 7242		N NAME: R UTC: + 5		ANGS OH		RIOD OF RECORD	
• • • • • • • • • • • • • • • • • • • •	• • • • • • • •		• • • • • • • • •	AIRWAY CL	ASSES	• • • • • • •	• • • • • • • • • • • • • • •	• • • •
(LST)		SCATTERED		OVERCAST	TOTAL OBSCURATION	1/2	OBSCURATION	Ţ
00-05	41.0	19.2	16.3		.6			, • • • (
03-05	42.9	19.9	12.2	23.7	1.3	37.2	11.4	
05-03	17.2	30.7	22.5	25.5	2.0	50.1	20.6	
09-11	15.3	28.2	27.0	28.1	• 3	55.4	8.1	
12-14	9.4	34.1	32.0	25.4		57.4	2.2	
15-17	10.7	31.3	35.7	22.3		53.0	1 • 4	
18-20	17.0	34.3	23.1	20.6		48.7	3.1	
21-23	31.7	29.3	19.0	21.0		40.0	3.6	
ALL HOURS	23.0	29.0	24.0	23.0	•0	43.0	7.0	
•••••	•	•••••	• • • • • • • • •	•		W.	7474: <u>967 4</u> 798:	S: At
		18.3			•6		2.3	• • • •
03-05	33.2	15.9	12.8	36.5	1.2	50.3	5.3	
06 - 08	13.1	21.7	23.1	34.4	2.7	60.2	ಕ.7	
29-11	14.4	21.5	25.3	38.0	• 9	64.1	5.3	
12-14	9.0	23.9	29.5	36.9		55.2	3.3	
15-17	10.0	23.5	27.2	39.2		66.5	2.5	
18-20	15.7	24.7	19.0	40.3	• 2	59.6	2.3	
21-23	26•0	20.5	15.5	36.8	• ?	52.5	2.3	
ALL HJURS	20.1	21.3	20.6	37.2	.7	58.6	4.0	

7 - 3 - 8

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

UTC: +	5	ANGS OH	MC	RIOD OF RECORD INTH: SEP HOURS	ALL	FEB 88
• • • • • • •	ATRWAY CLA	ASSES	• • • • • • •	• • • • • • • • • • • • •	••••••	
	OVERCAST	TOTAL O3SCURATION		PARTIAL OBSCURATION	TOTAL OBS	
16.3		•6		5.9	900	
12.2	23.7	1.3	37.2	11.4	900	
22.5	25.5	2.7	50.1	20.6	900	
27.0	28.1	• 3	55.4	8.1	900	
32.0	25.4		57.4	2.2	900	
35.7	22.3		59.0	1 • 4	900	
23.1	20.6		48.7	3.1	900	
19.0	21.0		40.0	3.6	990	
24.0	23.0	•0	43.0	7.0	7200	
			vi r	INTH: TOT HOURS	: ALL	
12.7	35.9		49.2	2.3	930	
12.3	35.5	1.7	50.3	5.3	930	
23.1	34.4	2.7	60.2	a.7	930	
25.3	38.0	• 9	64.1	5.3	930	
· }•5	35+8		55.2	3.3	930	
27.2	39.2		66.5	2.5	930	
19.0	40.3	• 2	59.6	2.3	930	
15.5	36.8	• ?	53.5	2.3	930	
20.5		. 7	55.5	4.0	7440	

7 + 3 + 6

OPERATING LOCATION "4" USAFFTAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF DCCURRENCE OF SKY COVER FROM HOURLY DASFRYATIONS

		LST TO	UTC: + 5		ANG8 OH	MO	RIDD OF RECORD ONTH: NOV HOURS	:ALL
				AIRHAY CL	4 S S E S		0.0774	
(LŠT)	-	SCATTERED			JA SCUPATION	1/2	15 2005 VII 14	765
00-02	23.5	13.7	13.2	49.3	.2	62•3	•3	900
03-05	22.7	14.1	13.2	49.4	• 5	53.2	1.4	900
05-03	14.2	10.3	17.3	49.3	٠,٠	57.4	2.5	906
09-11	9.5	15.9	19.7	52.9	1.0	73.6	2.3	900
12-14	5.4	18.9	21.9	52.4	• 3	74.7	1.7	900
15-17	5.1	19.3	25.4	49.4	• 3	75.4	1	ann
13-20	13.5	17.)	17.5	51.2		63.3	2.1	900
21-23	20.4	14.9	13.3	50.6	• 3	54.7	. 9	900
dudas VEF					· 0	58.0	1.0	7200
•••••	• • • • • • • •	• • • • • • • • • • • • •	••••••	• • • • • • • • • •	• • • • • • • • • • • • • •	* * * * * * * * * * * * * * * * * * *	איניא פוס אודעני פורעני	5: ALL
••••••••••••••••••••••••••••••••••••••	15.1		11.3	•••••••• 55•8	· · · · · · · · · · · · · · · · · · ·	••••••• •9•1		930
	- •	19.4			-	73.0		930
•	10.0				2.4	72.7		430
	7.3	15.5	17.3	57.7	2.5	77.5	-	93.)
12-14	5.6		21.0	55.3	2.4	°0•1	5.2	930
15-17	9.→		21.9	55.7	1.2	79.7	3. 9	930
15*20	13.5	_	13.5	54.4	1.4	74.4		9 3 0
	15.2		14.4		2 • C	70.1		939
4LL H272S	11.		15.3	65,£	2.0	74.5	3.7	7440

7 - 3 - 5

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY ORSERVATIONS

TION NAME: RI TO UTC: + 5			M(ERIOD OF RECORD ONTH: NOV HOURS	:ALL	FEB #8
	AIRHAY CLA	SSES		• • • • • • • • • • • • • • • • • • • •		
93 0KEA		J.4.200. 4 1 1.1.4	1/2	PARTIAL DBSCURATION	10.3	
13.2	49.3	.2	62.3	•3	900	
13.2	49.4	• 5	63.2	1.4	900	
17.3	49.3	• ⊀	57.4	2.8	900	
19.7	52.9	1.0	73.6	2.3	900	
21.9	52.4	• 3	74.7	1.7	900	
23.4	49.4	• 3	75.5	1.4	900	
17.5	51.2		63.3	2 • 1	900	
13.3	50.6	• 3	64.7	• 9	900	
17.0	50.0	• ′)	58.0	1.0	7200	
• • • • • • • • • •	• • • • • • • • • •		Mí	SPUCH DBC HTMC	: ALL	
	· · · · · · · · · · · · · · · · · · ·				930	
11.3	55.8	2.0 2.0	_	2•2 3•1	930	
10.1	50 . 9		73.0			
12.0	54.3	2.4	72.7		930	
17.3	57.7	2.5	77.5	6.3	930	
21+0	55.8	2.4	°0.1	5•2	930	
21.3	56 .7	1.2	79.7	3.9	930	
13.5	54.4	1.4	74.4	2.3	930	
14	53.7	2.0	70.1	2.3	930	
15.9	45.8	2.0	74.5		7440	

OPERATING LOCATION MAM USAFETAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 . MONTH: ALL HOURS: ALL LST TO UTC: + 5 AIRWAY CLASSES PARTIAL TOTAL TOTAL GT HO1123 SCATTERED BROKEN OVERCAST (LST) OBSCURATION. 1/2 TH SCURATION 985 39.3 1.0 55.0 3.5 10959 00-02 18.4 14.7 25.5 5.7 10959 03-05 25.2 13.7 13.9 40.8 56.1 10959 8.9 2.1 53.1 06-03 13.3 23.1 19.6 41.4 10959 1.2 4.7 03-11 23.0 23.1 42.3 66.6 13.4 23.2 70.3 2.5 10957 5.0 28.3 42.0 12-14 10050 23.7 41.3 79.3 2.3 15-17 5.2 24.4 13-20 10.0 25.5 23.0 40.9 54.4 2.7 10957 • ⁹ 57.1 2.9 10955 21-23 21.1 21.5 17.7 33.5 ALL ADURS. 87665 14.8 22.3 21.1 40.8 1.0 52.9 4.1

9 - 3 - 7

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

IJN NAME: R	ICKENBACKER	ANGB OH		FRIOD OF RECORDS		• FEB 88
42 JKEN	ATRWAY CLA OVERCAST	SSES TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS	
14.7	39.3	1.0	55.0	3.5	10959	
13.9	40.3	1.4	56.1	5.7	10959	
19.6	41.4	2.1	63.1	8.9	10959	
23.1	42.3	1.2	66.6	4.7	10959	
29.3	42.0	•5	70.8	2.6	10957	
23 .7	41.3	• 4	70.3	2.3	10959	
23.0	40.9	• 6	64.4	2.7	10957	
17.7	33.5	• B	57.1	2•9	10956	
21.1	40.8	1.0	52.9	4.1	87665	

qqqqq	ppp	- 444	AAĀ	RRRRR	RRR	TTTTTTTT	EEEEEEEE
opaga	popp	4444	AAAA	28888	RRRR	*********	: EFFFEEEEEE
O C	PР	AA	AA	RR	RR	TT	EE
PР	pο	AA ···	AA	२२	RR	TT	EE"
ррррр	PPPP	AA	AA	RRRRR	RRRR	ΓŤ	EEEEEE
ppopo	app	AAAAA	AAAA	RRRRR	RRR	TT	EEEFEE
הפ		ΑΑΑΑΑ	A A A A A		~ .5 5	* TT	EE
РÞ		AA	AA	RR	१९	ŢŢ	ĘE
ρp		AA	AA	RR	R.R.	TT	EEEEEEEEE
op		_ AA	AA	२ ८ '	RR	11	EEEEEEEEE

and the second of the second o

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

- TEMPERATURE -- CUMULATIVE PERCENT OCCUPRENCE EPEQUENCY (PDF).

 THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE
 POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS
 SUMMARIZED BY MONTH FOR ALL YEARS CUMBINED. TOTALS ARE GIVEN FOR THE WHOLE
 YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5,
 GE 10, ETC).. THERE IS DNE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS,
 STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.
- NOTE 1. HEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.
- MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMP-ERATURES BY MONTH AND BY YEAR. THE YEARLY AMOUNT ONLY APPEARS HEN ALL MONTHS FOR THAT YEAR ALSO APPEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE.

- MIAN MONTHLY TEMPERATURE.

 ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH,
 FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A
 MONTH FOR WHICH LESS THAN DOW OF DATA ARE AVAILABLE.
- DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.
 THESE TABLES ARE CREATED FROM HOURLY DBSERVATIONS-FOATA IS SUMMARIZED:
 - BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
 - BY MONTH (ALL YEARS AND ALL HOURS COMMINED).
 - BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL DESERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND ANSP 105-56, "METEOPOLOGICAL TECHNIQUES."

"WITE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F. WET BULB TEMPERATURES ARE NOT REPORTED (FMH-18). AS A RESULT, WINTER MEAN OFW POINTS (AND MORE PREQUENTLY, WINTER MEAN WET RULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

TEMPERATURE CONVERSION:

F = 1.8C + 32

C = K - 273.0 (BEFORE 5 APRIL 77) C = K - 273.2 (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE
HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED.
THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION *A* USAFETAC, ASHEVILLE NO

UTARRAMMENT MUNIXAM RU BONBRAUDOO DE VONGERE BETABLEBRA BEAR BUNDALAMBUR MERR

STATION NUMBE	R: 7242		TATION NA ST TO UT		(ENBACKE)	K ANGH DE	1			DD OF REC	4304 1(30
TEMP (DES-F)	747	ekd	* * * * * * * * * * * * * * * * * * *	дРО	MAY	אווע	JUL	AUG	SEP	OST	• • • • • • • • • • • • • • • • • • • •
GE 100 GE 95 GE 90 GE 30 GE 75 GE 70 GE 60 GE 60 GE 60 GE 30 GE 40 GE 30 GE 40 GE 40 GE 30 GE 40 GE 40	53.0 6.8 13.6 31.4 33.9 52.1 52.1 52.3 70.4 31.3 98.7 90.4 90.6 100.0	1.6 5.5 11.9 20.4 31.9 47.5 55.3 72.4 90.1 98.5 99.9	3.2 3.4 16.0 25.4 37.2 49.1 62.0 75.7 89.1 92.4 96.4 79.1 90.0	7.2 15.2 29.0 42.7 58.5 72.9 34.6 92.8 98.3 99.7 99.3	1.3 9.5 25.4 43.6 62.5 79.3 39.6 96.0 99.0 99.0	2.0 12.9 36.7 61.1 33.3 92.7 98.2 99.2 99.2	.2 3.3 18.5 49.0 77.3 05.4 99.4 100.0	.1 2.8 14.5 41.5 72.4 90.1 93.0 100.0	.1 .7 6.0 20.6 41.0 51.6 90.5 92.1 97.3 99.0 100.0	.1 1.5 2.0 21.1 37.0 53.5 71.3 94.9 93.5 98.4 99.7	1 6 14 25 39 55 70 34 96 96 99 100

• • • • • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • •
ማ ጀሕር!	3- , 4	30.3	F0.1	52.1	72.3	31.2	34.3	33.0	75.9	55.4	5.1
	12.00							_			
TOTAL DOS	1754	1252	1364	1319	1354	1320	1354	1309	1347	1354	13.

LATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DATA

* +05	(ENBACKE	C MARCH TH	1				HOURS: A)8-4909,51 \LL	02 0302
70¢	"AY	VIIL	JUL	አሁና	SEP	CCT	NOA.		LNA
	• • • • • • •						• • • • • • •		
		. 1	. 2	.1	• 1				•0 •7
		2.0	3.3	2.8	• 7				4.5
	1.3	12.9	18.5	14.5	6.0	. 1			13.5
. 4	9.5	36.7		41.5 72.5	20.5	1.5 9.0	• 1		24.9
7.?	25.4	61.1	77.3 35.4	90.1	41.0 51.6	21.1	1.7	. 1	34.7
15.2	43.5	30.3 00.3	-	93.0	30.5	37.0	6.3	• 2	43.2
29.0	62.5	92.7	99.4		92.1	53.5	14.8	1.8	50.4
42.7	79.3	98.2	100.0	100.0	97.3	71.8	25.5	5.0	57.2
58.5	39.5	99.2			99.0	34.9	39.5	12.4	63.7
72.9	96.0	99.8 130.0			100.0	93.5	55.7	19.7	69.8
34.5	99.0	1)(°•)			130.1	98.4	70.4	30.7	75.9
)2. a	33.3					99.7	34.0	46.3	82.4
98.3 20.3	100.0					100.0	94.2	66.3	89.0
99.7						105.0	96.7	74.9	91.4
<i>1</i> 9.3							98.1	93.9	94.2
100.0							29.7	91.9	96.3
							99.9	95.2	98.5
							100.0	98.6	99.5
							100.0	99.6	99.9
								99.9	99.9
								100.0	100.0
								10000	100.0
									10047
• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • • •
> ? • 1	72.3	31.2	34.3	33.0	75.9	55.4	51.5	30.7	51.9
11.49		7.53	5.77		4.57			11.49	20.10
1317	1354	1329	1354	13១១	1347	1354	1320	1 364	15130

E - 2 - 1

ľ

ľ

OPERATING TOCATION 'A' USAFETAC, ASHEVILLE NO

CUMULATIVE PERCENTAGE FREQUENCY OF DCCURRENCE OF MINIMUM TEMPE ATAO YEAMMUS MERH

STAT	TON NUMBE	R: 724.		TATION N ST TO UT		KENBACKFI	R ANGB D	H		-	OD DE REC H: ALL
TEM (DE	P C-F)	MAL	FE3	MAR	APR	MAY	MUL	Jul	AUG	SEb	ОСТ
GE.	75	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •		••••••		• • • • • • • •	• • • • • • • •
GE	70					• 1	7.7	17.6	13.3	3.6	• 1
GE	55					4.0	31.1	51.3	42.3	17.0	1.1
GE	50			. 4	2.2	20.5	55.1	78.7	53.3	35.3	4.8
3°	5,5	• 1	. 1	1.5	9.3	37.7	73 • 1	14.4	35.7	53.4	13.6
Ç.E	5,3	• 3	. 4	4.7	20.9	56.1	92.3	39.4	35.8	72.2	27.7
GE	45	• 9	1.4	10.3	35.9	77.3	90.9	100.1	99.6	37.4	45.0
GE	40	3.2	5.4	19.5	53.4	91.7	99.9		99.9	76.3	63.1
GE	35	9.3	13.0	34.7	75.0	97.7	100.0		100.0	99.5	34.7
SΞ	33	15.5	18.4	43.2	32.0	93.9				99.9	97.3
GF	30	34.7	30.0	58.4	92.0	03.0				100.0	44.4
3F	, 25	41.4	57.0	7 .)	13.5	100.0					79.1
GE	20	57.2	47.3	71.2	99.8						99.9
SE	15	54.5	7∂.7	45.4	100.0						100.0
GΕ	10	01.2	55.3	98.4							
GΞ	5	39.5	92.5	39.3							
95	٦	35.3),,;	34.3							
35	- 5	37.	33.5	100.0							
ÇE	-10	0.0	100.0								
üΕ	-15	<i>9</i> 9.7									
GE	- 20	93.9									
5 8	-25	100.0									

• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	••••••	• • • • • • •	• • • • • • •	• • • • • • •
4F \$14	20.4	23.1	31.5	41.3	51.3	50.2	54.1	52.3	55.2	44.0
50						-			-	
TUTAL UBS										

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

IRS

7.5756.76899.446

TATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: 4208-4909,5102-8802 ST TO UTC: +05 PERIOD OF RECORD: 4208-4909,5102-8802											
44 8	APR	YAM	NUL	JUL	AUG	SEP	ОСТ	VON	DEC	ANN	
1.0 4.0 10.3 19.5 34.7 43.2 7 21.4 24.4 43.3 43.3 43.3	2.2 9.3 20.9 35.9 53.4 75.0 32.0 12.6 99.9 100.0	.1 4.0 20.5 37.7 55.1 77.3 91.7 97.7 93.9 94.9	7.7 31.1 56.1 73.1 92.3 98.9 99.9 100.0		.1 13.3 42.3 58.8 35.7 96.8 99.6 99.0	3.5 17.0 35.3 53.4 72.2 87.4 96.3 99.6 99.9 100.0	.1 1.1 4.8 13.6 27.7 46.0 63.1 84.9 90.3 95.5 99.1 99.9	3.2 16.7 2.7.2 45.0 55.2 69.9 37.3 96.2 98.7 99.9 99.9 100.0	.1 .4 1.2 3.3 9.9 19.0 24.9 36.5 57.1 73.2 83.2 90.6 95.1 97.7 99.3 100.0	.1 3.6 12.4 22.5 31.3 40.5 48.5 56.5 65.2 69.3 75.8 84.6 90.5 93.9 96.4 98.1 99.0 99.7 99.9 100.0	

'									25.3	42.9
									11.31	
1347	1319	1364	1320	1354	1377	1347	1364	1320	1354	16102

E - 2 - 2

1

OPERATING LOCATION 'A' USAFFTAC, ASHIVILLE NO

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERA FROM SUMMARY OF DAY DATA

STAT	ION NUMBE	R: 7247		N NOITAT TU UT TS		KENBACKE	R ANGB (1)	! 			DD OF RECTP
TEM (05	6-E)	JAN	FE3	MAR	APR	MAY	มบน	ไม่เ	AUG	ŞËÞ	730
**	30 75 70 65 50 55 50 45 45 45 33 30 25 20 10 50 -10 -10	.1 .4 2.7 7.0 15.5 10.3 35.7 42.6 54.0 77.3 37.5 10.1 49.7 49.7 49.7	21.1 4.2 10.9 22.5 40.0 50.8 74.4 75.1 71.7 77.0 49.3	1 1.9 5.0 12.5 21.1 35.0 53.7 71.3 74.2 56.9 94.7 99.5 34.0	3.4 10.6 23.2 39.7 56.1 75.8 71.0 77.5 98.5 99.8 100.0	.1 5.3 21.3 41.2 61.3 80.4 93.0 93.7 99.6	.5 9.3 31.8 50.8 41.1 95.4 99.1 99.9 100.0	1.1 15.3 51.0 82.8 96.6 99.9 100.0	.4 11.4 41.3 73.0 91.4 98.3 99.9 100.3	2 3.0 17.1 36.3 57.9 79.5 92.7 98.4 99.9 100.0	1.0 4.1 14.1 30.6 51.3 71.3 58.9 96.7 99.4 99.9 100.0

• • • • • • • • • •	• • • • • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •
MEAN	2:.1	31.4	41.0	51.7	52.0	70.9	74.4	72.3	20.00	54.3
0.2				-					· -	
TOTAL 035										
• • • • • • • • • •										

UMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHFIT FROM SUMMARY OF DAY DATA 4 ? 5 •

RES

2346102106044

75 ••• 20

AME: RIC	KENBACKE	R ANGS D	+•			OD OF RE	CTRD: 42 HOURS: .	08-4909,51 ALL	02-3802
дре	MAY	JUN	JUL	AUG	SEP	тэст	VOV	DEC	ANN
• • • • • •			1.1	. 4		• • • • • • •	• • • • • • •	• • • • • • • • •	
	.1	9.3	15.3	11.4	3.0				3.2
2 /	5.3	31.3	51.0	41.0	17.1	1.0	2		12.4
3.4	21.3	50 • ₽	32.8	73.0	36.3	4.1	,•2	•	23.7
11.5	41.2	31.1	96.5	91.4	57.9	14.1 30.5	1.3	• 1	33.3
23.2	51.3	95.4 99.1	100.0	•	79.5		5.4	2.2	42.3
39.7	90.4	99.9	130.0	99.9	92.7	51.3	13.6		49.8
ან. 1 75 . ყ	93.0 93.7			100.0	78.4 99.9	71.3 33.9	26.1 41.9	6.0 13.5	57.0 64.6
11.)	99.6	100.0			100.0	95.7	53.2	25.1	72.5
77.5	100.0				130.0	99.4	31.1	42.2	90.3
77.€7 39.€5	1 10 • 17					79.9	ਰਬ . 0	51.1	83.6
39.3						100.0	93.5	53.2	87.3
130.0						100.0	98.0	79.3	92.6
100.0							99.4	A9.3	95.3
							29.3	94.6	97.5
							99.9	97.7	99.0
							100.0	90.7	99.7
							13013	99.8	99.9
								100.0	100.0
								10000	100.0
									100.0

22 7 62 4	_
32.7 52.6	6
1354 16102	2
	.0.98 18.5 1364 1610

OPERATING LOCATION TATUSAFFTAC. ASHEVILLE NO

MUNTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER:		LST	TO UTC:	+05					MONTH:		DURS: AL
YEAR	JAN	FEd	MAR	APR	MAY	NUL	JUL	A JG	SEP	707	NOV C
42	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	91*	91		74
43	63	54	77	73	39	95	42	93	96	44	75
44	5 <u>2</u>	7 0	73	79	91	100	100	99	91	34	75
45	40	58	84	53	85	95	94	94	94	78	73
44	4.1	εq	77	.34	33	93	75	30	92	५३	75
47	47	54	55	85	34	3.3	3.5	9.7	3.5	35	64
44	50	57	7 3	87	86	94	75	99	92	74	72
49	*)4	55	73	77	92	94	95	94	87		
51		51*	72	94	87	94	95	33	90	90	59
52	57	50	59	34	91	98	3.3	43	34	9.7	73
5 3 -	52	5.1	75	90	92	₹ 7	93	93	100	39	71
54	⁵ 7	71	53	83	99	96	102	3.5	98	34	72
55	57	55	71	30	87	89	96	95	94	80	73
56	54	51	71	81	87	91	94	94	9.9	30	7 5
e 7	5.1	71	7.2	35	34	94	37	9.3	93	77	59
5.3	= 1	5. 2	55	.a 3	3.6	91	31	30	ગ	40	7.3
59	54	65	74	91	90	96	94	97	93	၄ ရ	75
6 0	9 1	55	7 3	33	85	6 9	69	91	92	31	70
61	51	71	73	79	85	89	91	87	89	32	7 9
52	~ I	52	75	36	91	92	3. 7	95	85	42	52
53	ና 1	53	77	30	£ 5	47	31	3 I	p.s.	35	5 ≥
64	53	53	59	30	92	41	91	95	94	79	72
65	52	63	54	78	87	92	92	91	57	75	7 0
56	56	56	73	73	86	99	100	86	90	76	63
57	57	61	79	79	57	31	30	8 7	36	3.3	54
5 %	54	5.9	77	7 H	12	92	93	74	97	34	79
59	60	51	73	92	89	91	35	8.8	86	45	60
70	51	58	63	a5	86	93	95	90	90	30	69
71	55	65	72	50	83	92	87	85	86	34	71
7.2	51	53	71	76	8 7	43	93	વસુ	87	74	55
73	53	60	79	31	73	93	93	93	93	94	70
74	54	54	81	93	88	88	94	99	80	79	71
75	67	55	67	75	90	94	95	95	88	32	77

TINTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

F: RICKENBACKER ANGS OH

+05					MONTH:	MONTH: ALL HOURS: ALL					
4P3	MAY	JUN	յՍԸ	AJG	SEP	TOE	NOA	DEC	ANNUAL		
• • • • • • • •	• • • • • • •	• • • • • • •	•••••	91*	91	32	74	61	91*		
73	39	95	92	93	96	44	75	53	95		
79	91	100	100	99	91	34	75	54	100		
53	85	95	94	94	94	78	73	53	95		
34	33	93	35	30	92	99	76	67	96		
35	34	33	9.5	97	88	35	64	5a	97		
47	56	94	95	99	92	74	72	63	99		
77	92	94	95	94	87				95*		
94	87	94	95	99	90	90	69	66	99*		
34	91	98	9.3	93	94	9 7	73	54	99		
90	92	77	93	98	100	39	71	55	100		
33	39	96	102	92	23	34	72	58	102		
30	87	89	96	96	94	80	73	61	96		
31	87	91	94	94	9.9	30	7 5	69	94		
45	નુ 4	94	97	93	93	77	69	61	97		
. ₹ 3	36	91	31	30	91	30	78	56	91		
91	90	96	74	97	93	9.9	75	65	97		
33	85	69	89	91	92	81	70	63	92		
19	85	89	91	87	89	32	7 8	65	91		
36	91	92	3.7	96	85	٦2	62	63	96		
3 O	- 5	3 0	91	91	ខុត្	35	68	58	91		
30	92	91	91	95	94	79	72	57	95		
78	37	92	92	91	87	75	70	55	92		
73	86	99	100	86	90	76	63	58	100		
79	5 7	91	37	8 7	86	33	64	56	91		
7 -₹	52	92	93	74	8 7	34	79	54	94		
92	89	91	32	8.8	86	35	60	47	92		
35	86	93	95	90	90	80	69	69	95		
30	83	92	8 7	85	36	84	71	69	92		
76	3 7	43	93	93	8 7	74	65	63	93		
31	73	93	93	93	93	84	70	63	93		
83	88	88	94	89	80	79	71	54	94		
15	90	94	95	95	88	82	77	65	95		

PERIOD OF RECORD: 4209-4909,5102-8802

E - 3 - 1A

Ĭ

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NO

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER:	724285		TION NAME	PERIOD OF RECOMMONTH: ALL HI						
YEAR	JA'I	FEB	чак	APR	MAY	ากม	JUL	AUG	SEP	аст
76	F 1	70	79	34	82	92	35	35	86	76
7 7	33	54	62	94	91	92	97	90	90	75
7 8	51	36	77	79	87	99	93	92	91	76
79	5 ਤੇ	43	75	79	89	91	88	91	A.7	31
90	53	53	55	31	86	90	97	93	90	92
31	55	53	61	я3	53	91	25	90	96	9.2
82	57	55	71	75	85	43	93	95	45	43
8 3	49	57	79	79	82	91	98	103	97	ŝ 5
84	44	67	65	83	85	93	94	89	93	77
85	55	65	73	94	84	86	90	93	92	82
9.5	51	50	31	85	97	94	34	93	39	93
87	53	49	79	86	88	90	93	95	86	74
88	51	62								

• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
GREATEST	59	71	84	33	92	100	102	103	100	90
TOTAL DAS	1354	1252	1354	1319	1354	1320	1364	1333	1347	1364
							08/20/8			

MOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

PIAME ITC:		NBACKER	HC BDNA		PERIOD OF RECORD: 4208-4909,5102-8802 MONTH: ALL HOURS: ALL						
3	APR	MAY	JUV	JUL	AUG	SEP	вст	VOV	DEC	ANNUAL	
	34	ც2	92	95	95	86	76	50	54	95	
ı	94	91	92	97	90	90	75	77	58	97	
	79	87	99	93	92	91	76	71	60	99	
t	79	89	91	88	91	87	81	69	62	91	
1	31	86	90	97	93	90	82	71	52	97	
ł	83	ਰ3	91	25	90	96	92	72	62	95	
ļ	75	85	43	83	95	45	83	78	76	88	
}	79	82	91	98	103	97	85	72	52	103	
{	83	85	93	94	89	93	77	76	71	94	
	84	84	86	90	93	92	82	71	58	93	
]	95	37	94	34	93	39	93	74	58	94	
1	95	88	90	23	95	86	74	80	62	95	
1										62*	

	33	92	100	102	103	100	90	80	76	103
ł	1319	1354	1320	1364	1393	1347	1354	1320	1364	16130

DCCURRED ON 08/20/83 103

SED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

E - 3 - 18

USAFETAC. ASHEVILLE NO

. 1

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER:		PERIOD OF REC								
YEAR	JAN	FEB	MAR	APR	MAY	PUL	JUL	AUG	SEP	эст
42	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	49*	33	22
43	4	0	3	25	32	49	50	51	35	30
44	9	-1	12	23	40	48	51	47	43	28
45	í	ż	22	28	32	41	50	46	48	31
46	2	6	24*	30	39	44	5 3	47	40	31
47	4	- 2	19	28	29	44	49	53	35	32
4.9	-15	- 8	5	29	37	44	54	49	42	28
49	5	5	15	28	36	45	59	50	33	
51		26*	19	29	43	49	54	47	37	30
52	10	15	.21	30	39	43	54	47	40	19
53	7	14	15	23	42	45	54	5 1	41	29
54	5	13	15	23	33	45	55	52	43	31
55	-1	-2	12	28	39	49	50	54	46	27
56	5	15	3	30	35	47	56	48	35	35
57	-6	15	13	25	33	50	50	51	40	26
59	5	- 2	25	23	37	49	50	50	42	31
59	- 5	7	16	31	35	49	56	55	36	32
60	11	7	- 1	27	38	52	55	55	45	25
61	-7	3	22	25	34	42	50	53	33	25
62	- 65	-4	10	23	42	49	45	45	31	20
53	-15	- 7	19	26	30	45	49	45	32	22
64	-17	8	14	17	38	44	50	43	39	21
65	-13	-3	15	21	42	47	49	37	37	23
56	-11	3	11	25	26	42	51	51	40	26
67	6	- 2	1	26	32	43	50	43	35	?5
68	-11	- 1	10	39	31	49	49	45	45	30
69	3	17	14	28	37	45	59	52	35	22
70	~ 5	-1	11	25	32	49	48	54	37	30
71	2	-2	14	26	30	48	54	48	43	34
72	- 5	- 3	15	20	36	38	45	47	42	25
73	5	4	23	29	35	52	53	51	42	34
74	7	12	5	30	34	48	54	54	33	26
75	10	0	15	23	40	47	53	54	39	28

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

4E		NBACKER	HC BONA			PERIOD OF RECORD: 4208-4909,5102-8802 MONTH: ALL HOURS: ALL					
• • •	4PR	MAY	NUL	JUL	AUG	SEP	OCT	VON	DEC	ANNUAL	
• • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	49*	33	22	19	-10	-10*	
	25	32	48	50	51	35	30	17	1	0	
	23	40	48	51	47	40	28	20	-1	-1	
	23	32	41	50	46	48	31	21	-4	-4	
	30	39	44	53	47	40	31	20	13	2*	
	28	29	44	47	53	35	32	13	12	-2	
	29	37	44	54	49	42	28	26	В	-16	
	28	36	45	59	50	38				5*	
	29	43	49	54	47	37	30	19	-8	-8*	
	30	39	49	54	47	40	19	14	В	ન	
	23	42	45	54	5 1	41	29	19	2	2 6	
	23	33	45	55	52	43	31	26	8		
	28	39	49	60	54	46	27	9	3	-2	
	30	35	47	56	48	35	35	7	18	5	
	25	33	50	50	51	40	26	18	Ġ	-6	
	23	37	4 FJ	50	50	42	31	-6	-9	-9	
	31	35	49	56	55	36	32	9	10	-5	
	27	38	52	55	55	45	25	22	-7	- 7	
	25	34	42	50	53	33	25	16	1	-7	
	23	42	49	45	45	31	20	22	- 3	- 3	
	25	30	45	49	4.5	32	22	21	-10	-15	
	17	38	44	50	43	39	21	12	7	-17	
	21	42	47	49	37	37	23	21	18	-13	
1	25	26	42	51	51	40	26	20	- 2	-11	
	26	3 <i>2</i>	43	50	49	35	25	17	11	- 2	
	30	31	49	49	46	45	30	25	3	-11	
	28	37	45	59	52	35	22	17	6	3	
	25	32	49	49	54	37	30	13	10	- 6	
	26	30	48	54	48	43	34	14	16	- 2	
	20	36	39	45	47	42	25	21	8	-6	
	29	35	52	53	51	42	34	22	14	4	
	30	34	48	54	54	33	26	20	15	5	
ŀ	23	40	47	53	54	39	28	24	12	0	

"" OPERATING LOCATION 141
USAFETAC, ASHEVILLE NO

TIBHRENHEIT FROM SUMMERY OF DAY OATA

STATION NUMBER:	724295		TO UTC:	_	NBACKER	HC 89//A			PERIOD MONTH:	OF RECORD
YEAR	JAN	FEB	YAR	APR	MAY	PUL	JUL	AUG	SEP	ост
76	•••••••• •5	3	17	23	35	55	55	50	38	22
77	-22	-10	20	29	38	43	54	49	45	30
78	- 5	-4	1	30	33	46	52	55	42	32
7 9	- 3	-4	18	25	34	47	51	48	44	31
90	12	5	3	33	31	45	57	50	41	29
81	- 1	1	22	31	38	51	5.2	50	3.9	27
92	-10	- 5	20	19	39	46	49	40	42	29
83	4	13	22	23	34	48	52	54	37	3 <i>2</i>
84	-1 8	13	1	33	38	50	52	52	34	35
95	-13	-7	22	25	38	46	53	51	41	35
96	3	2	9	26	34	46	54	43	44	35
87	2	10	22	24	40	47	55	52	39	26
88	-2	0								

	-22										
TOTAL DOS	1364	1252	1347	1319	1364	1320	1354	1377	1347	1364	11

THE LEAST VALUE OF -22 OCCURRED ON 01/17/77

MOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR 1

TIBHHARAR NI SERUTAREMET MUMINIM YAHTHOM ATAC YAC TO YEARMUS MORE

ON NAM		NBACKER	ANGB OH			PERIOD OF RECORD: 4208-4909,5102-8802 MONTH: ALL HOURS: ALL					
MAR	4PR	MAY	NUL	JUL	AUG	SEP	аст	VON	DEC	ANNUAL	
1 -)	23	35	5 5	55	50	38	22	5	0	- 5	
2)	29	38	43	54	49	45	30	17	-1	-22	
1	30	33	46	52	55	42	32	27	14	-5	
13	25	34	47	51	48	44	31	26	17	-4	
٤	33	31	45	57	50	41	29	18	-2	-2	
22	31	38	51	52	50	38	27	21	6	-1	
50	19	39	46	49	40	42	29	22	15	-10	
22	28	34	48	5 <i>2</i>	54	37	32	24	-7	-7	
1	33	38	50	52	52	34	35	21	8	-18	
22	25	38	46	53	51	41	35	28	1	-13	
3	25	34	46	54	43	44	35	13	16	2	
5.5	24	40	47	55	52	39	26	18	15	2 -2*	

1					-22
					16102

-22 OCCURRED ON 01/17/77

S BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

E - 3 - 28

OPERATING LOCATION *A* MONTHLY MEAN TEMPERATURES IN FAHRENHEIT USAFETAC, ASHEVILLE NO FROM SUMMARY OF DAY DATA

STATION NUMBER:		LST	TO UTC:	+05	NBACKER /				PERIOD MONTH:	DF REC	380: HOUR:
YEAR	JAN	FEB	MAR	APR	MAY	JUN	ገ ひ厂	AUG	SEP	oct	1
42	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	70*	66	56	• • • • ;
43	31	32	33	47	63	76	76	74	65	53	
44	33	34	37	50	69	74	76	75	66	54	ì
45	24	32	51	54	58	69	73	73	70	54	
45	31	34	53×	51	60	70	74	68	56	58	
47	35	24	34	51	59	69	71	79	67	63	
43	20	30	43	55	60	71	76	72	57	51	
49	37	36	41	49	63	74	73	74	62		
51		41*	41	50	64	72	7 5	73	65	53	
52	36	36	41	53	52	75	73	74	55	50	
53	36	36	43	49	66	74	76	7 5	53	59	
54	33	40	39	58	58	73	75	73	70	57	
55	30	33	42	57	64	57	73	77	69	55	•
56	23	36	40	49	62	71	74	73	64	59	
57	25	37	41	54	63	73	75	73	67	5 l	
5 ซิ	29	25	38	53	62	5 7	74	73	66	55	•
50	27	34	39	53	67	73	76	73	70	55	
60	34	30	29	56	60	71	73	76	59	56	4
61	24	37	4.5	47	57	66	72	71	59	55	
62	26	30	38	49	67	70	71	71	61	54	
63	2.2	23	43	51	55	29	72	63	63	59	
64	30	23	41	53	53	69	73	70	65	51	
65	29	30	36	52	67	69	71	70	66	52	
66	24	31	42	49	57	71	76	70	62	50	
67	33	27	41	54	56	72	7.2	57	62	53	
68	24	25	42	53	59	71	74	74	67	50	
69	23	33	37	52	62	59	75	72	64	54	
70	21	30	37	54	65	71	73	72	70	57	
71	27	32	37	49	57	72	71	69	63	51	
72	3.9	23	33	50	52	66	73	72	67	51	
73	32	33	52	52	60	74	76	7 5	70	60	
74	36	34	46	55	52	63	75	73	60	53	
7 5	34	35	3 8	46	65	72	74	76	62	55	

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

1	NAME: F		CKER ANG	8 34		P M	UNTH: AL	L HOUR	4208-49 S: ALL	09,5102-880	2
4	<i>!</i>	PR	MAY	JUN	JUL	AUG		oct	VOV	DEC AN	INUAL
J		_								28	50*
7										30	52
ł										27	53
┨	1 5	14	59	6°	73	73	70	54	44	26	52
I			-							36	54*
ŀ		_									52
ı							-	51	46	-	52
1	1 4	9	63	74	78	74	62				57#
1											56*
ŧ	-										54
- 1							-				55
1										33	54
1	? 5	7 (54 4	57	73	77	69	55	40	30	54
ļ											53
											54
1						-					51
ţ											54
1	; 5	6	50	71	73	76	59	56	44	25	52
ï											51
:											57
!	, 5	-									50
											5 <i>2</i>
į	• 5	2 6	57	59	71	70	56	52	43	38	52
1	, 4										51
1	:										51
Ė											52
1	<i>i</i> 5										51
1	! 5	4	55	71	73	72	70	57	44	36	53
}							53	51	41	39	52
ì							57 5	51	41		51
ᢤ.							70	60 4	47		56
ì									44	35	54
1	4	5 6	55 7	12	74			55	48	35	54

OPERATING LOCATION "A" MONTHLY MEAN TEMPERATURES IN FAHRENHEIT USAFETAC. ASHEVILLE NO FROM SUMMARY DE DAY DATA

STATION NUMBER:	724235	STAT LST	PERIOD OF RECORE MONTH: ALL HOU							
YEAR	PAL	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	UCT
76	25	39	47	5 <i>2</i>	60	72	74	59	53	48
77	13	27	47	5 7	69	79	77	73	59	53
73	20	18	37	52	61	72	73	73	70	51
79	23	21	45	50	63	72	73	72	65	53
30	32	25	39	51	63	69	76	77	69	53
91	24	34	41	56	50	72	75	73	64	54
92	24	31	41	45	55	63	72	56	63	57
83	31	35	45	50	59	71	78	73	69	57
84	24	37	34	51	59	74	72	74	63	50
85	24	27	44	56	62	67	71	71	67	58
96 9 7 86	29 32 25	32 35 30	43 45	54 52	65 67	72 73	77 77	72 75	70 68	5 4 50

MEAN	23.1	31.4	41.0	51.9	62.0	70.9	74.4	72.3	65.2	54.9	4
TOTAL 385											

NOTE: WITHE VALUE IS BASED ON A MONTH WITH LESS THAN FOR DE THE DATA AVAILABLE FOR

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

13 UTC	4E: RICKE : +05	TOACNES	K462 JU			MONTH:		DURS: AL	-4909,510 L	2-3002
444	APR	МАЧ	JUN	JUL	AUG	SEP	UCT	VDM	DEC	ANNUAL
47	52	60	72	74	59	63	48	35	26	51
47	5.7	69	70	77	73	69	53	46	30	53
37	52	61	72	73	73	70	51	46	35	51
45	50	53	72	73	72	66	53	44	37	52
39	51	63	69	75	77	69	53	41	33	52
41	56	50	72	75	73	64	54	44	33	53
41	45	55	63	72	56	63	57	46	41	51
45	50	59	71	78	7 3	69	57	45	26	54
34	51	59	74	72	74	63	50	42	41	53
£4 £4	56	62	67	71	71	67	58	49	27	52
43	54	55	72	77	72	70	54	43	34	54
45	52	57	73	77	75	6.8	50	49	37	55
	_									28*

41.0	51.9	62.0	70.9	74.4	72.3	65.2	54.9	43.2	32.7	52.6
									1354	16102

HTMOM BHT SOR A MONTH AFFE HER SOR MAN 2251 HTM HTMCM A MO CREAK RE

OPERATING LOCATION MAM USAFFTAC, ASHEVILLE NO

(

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

			LST TO UTC: +					HTMCM	NAL	CORD: MAP 79
HOURS LST	MEAN	STANDARD DEVIATIO	N DES	••••••	• • • • •			OF HOURS		TEMPERATURES (GE 80 GE /
20-02	25.7		930	•••••	• • • • •	• • • • •	25	672	0	0
03-05	24.9	12.110	930				31	685	0	o
76- 08	24.2	12,120	930				24	539	0	า
09-11	25.0	11.490	937				30	542	1	0
12-14	29.5	10.902	930				12	521	1	o
15-17	30.5	10.513	930				3	477	0	0
18-20	27.9	10.411	930				12	581	0	0
21-23	25.2	11.000	930				20	649	э	э
ALL HOURS	26.9	11.434	7440				155	4925	2	0
•••••		• • • • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • •	• • • • •	•••••			••••••
					• • • • •			PTVOM	. FEB	
00-02	28.5	11.769	849				5	543	Э	0
93-05	27.4	11.979	849	•			17	564	0	n
06-08	26.5	12.086	849				29	561	0	0
09-11	29.7	11.746	849				5	467	0	0 .
12-14	34.3	11.208	849				0	369	4	o
15-17	36.1	12.063	349				0	341	9	o
18-20	33.1	11.319	847				3	303	0	C
21-23	39.3	11.359	845				3	450	0	n
ALL HOURS	30.8	12.229	6787		• • • • •		61	3697	13	0

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER ANGBITO UTC: + 5		MONTH:			
TOTAL 135	MEAN NUMBER O LE O L	F HOURS	WITH TEMPER GE 65 GE 8	RATURES DE	G F TOTAL HOURS
930	25	672	0	0 0	930
930	31	685	0	0 0	930
930	23	599	0	0 0	930
930	20	542	1	0 0	930
730	12	521	1	0 0	930
333	3	477	0	0 0	930
93)	12	581	0	0 0	930
930	20	649	0	0 0	930
744)	155	4926	2	0 0	7440
		*HTMOM	FEB		
u4.u	6	543	Э	0 0	849
नुद्रम	17	564	0	0 0	849
549	29	561	0	0 0	849
R 49	5	467	0	0 0	849
H49	0	368	4	0 0	849
349	0	341	9	0 0	849
n47	n	393	0	0 0	847
-44	3	450	0	0 0	846
5 7 4 7	61	3697	13	0 0	6787

F = 5 = 1 = 1

ŧ

USAFETAC, ASHEVILLE NO

* * *

ORY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

			LST TO UTC:				MONTH:	MAR	S RAP : GRO
HOURS	MEAN	STANDARE	TOTAL:		MEA	N NUMBER	OF HOURS	WITH 1	EMPERATURES
20-02	37.6		930	• • • • • • • • • • • • •	• • • • • • • • •	?	282	6	0
03-05	36.2	10.807	930			o	333	. 3	0
26-03	35.5	17.757	930)	342	0	0
09-11	40.6	11.580	930			0	197	26	0
12-14	46.1	12.596	930			0	112	84	1
15-17	47.9	12.933	933			0	9.4	116	A
18-20	44.4	11.525	930			c	124	52	o
21-23	40.4	10.679	930			O	204	10	0
ALL HOURS	41.1	12.233	7440			•)	1673	297	Ģ
• • • • • • •	• • • • • • • •	•••••••	• • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • •	•••••	• • • • • •	• • • • • • • • • • • • • • • • • • • •
							HTMOM:	APR	
00-02	47.4	9.493	900		••••••	၁	47	31	0
03-05	45.3	9.635	900			o	59	21	0
80-60	45.6	9.829	900			0	65	21	0
09-11	52.7	10.912	900			0	30	143	2
12-14	57.9	11.757	999			0	11	251	3 8
15-17	59.5	11.917	900			0	6	305	52
18-20	56.1	10.968	900			0	14	201	17
21-23	50.7	9.565	900			0	30	81	0
		11.785			• • • • • • • • •	9	272	1054	109

and the second s

E - 5 - 1 - 2

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER TO UTC: + 5	ANGB	он		"PERIOD MONTH:		CORD: MAR	78 - FEE	88
TOTAL			LE 0	LE 32	GE 65		GF 93	TOTAL HOURS
930	• • • • •	• • • • •	0	282	6	0	0	930
930			0	333	3	0	0	930
930)	342	0	0	0	930
930		- +	0	197	26	0	0	930
930			0	112	84	,1	0	930
933			0	94	116	8	0	930
930			o	124	52	0	0	930
930			0	204	10		0	930
 - 7447 		• • • • •	<u>)</u>	1678	297	9	ŋ •••••	7440
		, m, je je je		MONTH:	APR			
40-3	• • • • •	• • • • •	0	47	31	0	0	900
990			3 -	59	21	0	0	900
900			0	65	21	0	0	900
900			0	30	143	2	0	900
egg			0	11	251	38	0	899
900			0	6	305	52	0	900
700			0	14	201	17	0	900
900			o	30	8i	0	0	900
7199				272	1054	109	0	7199

· 3

 \overline{f}_{j}

UPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

YPAMMUZ SAUTAPSAMST BLUE YND SACITAVPSBED YNDH MCRF

STATION	NUMBER:		STATION NAME: LST TO UTC: +		ANGB	ОH		PERIOD MONTH:		ECORD: MAI	R 78
HOURS LST	MEAN	DEVIATIO	IN OBS	••••			LE 🤈	LE 32	GE 65		RES D GE 9
00-02	55.8	7.912	930	• • • • • • • • • • • • •	• • • •	• • • • •	э	0	170	0	• • • • •
03-05	54.5	8.380	930				0	2	126	. 0	
96-08	55.2	8.393	930				3	0	163	3	
09-11	64.2	8.814	930				0	0	467	28	
12-14	69.1	9.657	930				0	0	636	156	
15-17	70.2	7.537	930				•)	0	676	189	
18-20	66.9	9.746	930				0	0	578	53	
21-23	60.7	7.753	930				0	0	316	1	
ALL HOURS	52.3	19.359	7440			• • • • •	3	2	3132	437	••••
								HINGH:	JUN		
00-02	54.5	5.603	900	• • • • • • • • • • • • • •	• • • •	• • • • •	0	0	494	0	• • • • •
73-05	52.4	5.962	900				0	0	401	0	
06-08	64.6	6.922	900				0	0	483	4	
09-11	72.8	7.084	900				С	o	779	168	
12-14	77.5	7:430	900				0	o	952	366	
15-17	78.7	7.240	900				0	o	870	420	
18-20	75.2	6.784	900				0	0	836	255	
21-23	5A.4	16+131	900				• •	9	658	11	
ALL HOURS	70.5	9.132	7200				0	. 0	5373	1224	1

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

ATION NAME:	RICKENBACKER 5	ANGB OH		PERIO MONTH		BRD: MAR	78" - "FE	8 88
TOTAL UBS		" " " "MEAN		OF HOUR LE 32	S WITH T GE 65	EMPERATUR GE 80	ES DEG F GE 93	TOTAL HOURS
930 -		• • • • • • • • •	- 0	0	170	0	0	930
930			0	2	126	0	0	930
930			С	0	163	0	0	930
930			·- · · · · · · · · · · · · · · · · · ·	0	467	28	0	930
930			0	0	636	156	0	930
930			9	0	676	189	0	930
930			0	0	578	53	0	930
930			0	0	316	1	0	930
7449)	2	3132	437	0	7440
				MONTH	: JUN			
900		••••••	0	0	494	0	0	900
900			0	0	401	0	0	900
900			0	0	483	4	0	900
900			0	0	779	168	0	900
900			· · · • · · · · ·	0	852	366	. 5	900
900			0	0	870	420	8	900
900			0	0	836	255	2	900
900			· · · •	o	658	11	0 -	900
7200	•••••				5373	1224	15	7200

F

OPERATING LOCATION "A" - DRY BULB TEMPERATURE SUMMARY USAFETAC, ASHEVILLE NO FROM HOURLY OBSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: LST TO UTC: + 5 MONTH: JUL HOURS STANDARD TOTAL MEAN NUMBER OF HOURS WITH TEMPERATURES LST DEVIATION 088 LE 0 LE 32 GE 65 GE 30 5.323 00-02 63.7 930 0... 724 0 12 03-05 5.630 930 66.5 0 0 615 0 26-08 58.1 5.523 930 0 697 13 09-11 76.4 - 5.813 930-0 0 922 273 12-14 81.2 6.221 930 0 0 930 575 15-17 82.1 6.313 930 9 0 929 607 18-20 78.7 5.902 930 0 927 413 21-23 72.1 5.231 930 856 68 ALL HOURS 8.147 7440 6600 1961 MONTH: AUG 00-02 67.0 5.965 930 0 0 03-05 64.9 930 6:327 0 560 0 0 80-60 66.0 6.290 930 0 0 600 2 09-11 74.4 5.193 930 874 197) 12-14 80.0 5.557 929 0 921 517 15-17 80.9 6.571 930 0 923 581 18-20 76.5 6.362 930 0 896 324 0 29 21-23 5.760 930 764

ALL HOURS

72.5---

8.669

7439

5194

1651

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

N NAME:	RICKENBACKER 5	ANGB OH		PERIO MONTH	D OF RE	CORD: MAR	78 - FE	B 88
MTAL : 198		MEAN			S WITH GE 65	TEMPERATUR GE 80	ES DEG F	TOTAL HOURS
)30 			0	· · · · · · · · · · · · · · · · · · ·	724	12	0	930
+30			0	0	615	0	0	930
930		-	9	0	697	13	0	930
930			o	0	922	273	0	930
930			0	0	930	575	28	930
: 3)			9	9	929	607	51	930
130			С	o	92 7	413	6	930
+30			0	0	856	68	0	930
., 4.)			0	g	6600	1961	35	7440
				MONTH	: AUG			
730	• • • • • • • • • • • •	• • • • • • •	0	o	656	1	٥	930
·+30		- 44	··· • • • •	o	560	0	0	930
930			0	0	600	2	0	930
+29			9	2	874	197	3	930
92)			0	0	921	517	16	929
<i>)</i> 30			0	0	923	581	25	930
239			0	0	896	324	4	930
130			• • • • • • • • • • • • • • • • • • • •	. 0	764	29	0	930
7439			o		5194	1651	48	7439
• • • • • • •	• • • • • • • • • • • • •	••••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	•••••	• • • • • • •

,

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

DRY BULS TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION	"NUMBER:		STATION NAME: - ST TO UTC: +	RICKENBACKER 5	ANG8 DH		*	PERIOD MONTH:	-	CORD: 1	MAR 78 -	•
HOURS LST	MEAN	STANDARD OFVIATION	TOTAL OBS	• • • • • • • • • • • •		LE		E 32	GE 65	TEMPERAT	ORES DE	
00-02	61.1	8.471	900	• • • • • • • • • • • • •			0	0	352	0	(0
03-05	59.0	8.795	900				0	0	288	. 0		0
06-09	59.3	8.926	900				า	0	312	0	C	3
79+11	68.4	8:376	900		-		0	. 0	600	83	(0
12-14	74.7	3.647	900				0	0	785	298	3	3
15-17	75.9	3,593	900				0	0	808	329	5	5
18-20	70.0	3.298	900				0	0	665	108	(0
21-23	63.9	3.095	900				0	0	465	3	Ć	0
ALL HOURS	56.5	10.567	7200	•••••			0	0	4275	821	, • • • • • •	8
								HONTH:	OCT			
00-02	50. 5	9.146	930	• • • • • • • • • • • • •		•••••	0	11	80	0	(ò
03-05	48.9	9.636	930	qui			0	33	65	0	,	0
06-08	48.4	9.808	930)	43	60	0	!	O
09-11	55.7	8.612	930				0	1	156	Э	(О
12-14	62.0	9.004	930				0.	0	373	19	(0
15-17	62.8	9.232	930				0	0	413	32	(0
18-20	57.0	3.464	930				0	0	190	2	(0
21-23	52.8	8.545	930		• •		0	0	93	0	(0
ALL Hours	54.8	10.498	7440	• • • • • • • • • • • • •			0	88	1430	52	(0

DRY BULS TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

NAME: TC: +	RICKENBACKER 5	ANGB	ан .	••	PERIOD MONTHS		ORD: MAR	78 - FE	8 88
AL S	• • • • • • • • • • • • •		MEAN	NUMBER LE 0	OF HOURS	GE 65	EMPERATURE GE 80 (S DEG F	HOURS
)	• • • • • • • • • • • • •	• • • • •	• • • • •	0	0	352	0	0	900
၁				0	0	288	0	0	900
n)	0	312	. 0	0	900
0				0	o	600	83	0	900
ပ					0	7 85	298	3	900
)				c	0	808	329	5	900
)				0	9	665	108	o	900
ŀ	-			0	О	465	3	0	900
)				0	0	4275	821	8	7200
					момтн	001			
:	•••••••	• • • • •	••••	0	11	30	0	0	930
3			,	σ	33	55	0	· ·· · o	930
3				9	43	60	0	9	930
;				0	1	156	0	o	930
7				0	o	373	18	0	930
				0	O	413	32	0	930
)				0	0	190	2	0	930
þ				0	0	93	0	0	930
n	• • • • • • • • • • • • • • • • • • • •			. 0	88	1430	52	0	7440

USAFETAC, ASHEVILLE NO

DRY BULB TEMPERATURE SUMMARY FROM HOURLY DESERVATIONS

. (STATION	NUMBER:		STATION NAME: LST TO UTC: +	RICKENBACKER 5	ANGB 0		MONTH	: NOV	FCORO: 1	MAR 7	9 -
	10URS LST	MEAN	DIVATIO		••••••••••••••••••••••••••••••••••••••		EAN NUMBER	LE 32	S WITH GE 65	TEMPERA GE 30		DE 93
	0-02	42.1	9.898	900	************		0	137	4	0	• • • • •	c
(3-05	40.9	9.959	900			0	174	5	0		C
0	06-08	40.2	10.055	900			э	198	1	0		c
0	9-11	44.5	9.832	909			o	79	31	o		c
1	2-14	49.5	10.847	900			0	21	100	1		С
1	5-17	50.0	10.738	900			0	19	114	1		Ĉ
1	8-20	45.9	9.689	900			า	49	36	0		C
2	21-23	43.2	9.585	900			0	106	7	0		С
	ALL	44.5	17.651	7200		• • • • • • •) ••••••	783	298	2	• • • • •	
								MONTH	: DEC			
Ċ	0-02	32.3	11.567	930		• • • • • •	5	452	4	0	• • • • •	C
0	13=05	32.2	11.532	930			5	451	0	0		¢
0	6-08	31.3	11.805	930			6	488	0	0		C
C	9-11	34.0	11.772	930			7	398	5	o		C
1	2-14	37.3	11.557	930			3	276	15	n		c
1	5-17	37.8	11.339	930			3	244	16	0		, c
1	8-20	35.1	11.249	930			3	351	3	0		C
2	1-23	33.6	11.507	930			4	409	1	9		;
	ALL IOURS	34.3	11.744	7440		-	40	3069	45	0		c

E - 5 - 1 - - 6 -- -

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

-	FON NAME:	RICKENBACKER 5	ANGB	эн -		PERIOO MONTH:		ORD: MAR	79 - FE	8 88
1	TOTAL DRS	• • • • • • • • • • • • • • • • • • •			LE 0	LE 32	GE 65	_	GE 93	HOURS
Ĭ	902	• • • • • • • • • • • • •		• • • • •	0	137	4	0	0	900
1	900				0	174	5	o	0	900
	900				Э	198	1	n	0	900
ł	900				0	79	31	O	0	900
Ì	900				0	21	100	1	o	900
1	٠٠))	19	114	1	o	900
1	100				7	49	36	o	0	900
	100				0	106	7	0	o	900
	7.73		• • • • •)	733	299	2	o	7200
						MONTH:	DEC			
	730	• • • • • • • • • • • • •	• • • • •	• • • •	٠ ٠٠٠ ٠٠ خ	452	4	0	9	930
-	43)				5	45 i	0	n	0	930
	930				ರ	483	0	0	c	930
1	336				7	398	5	o	0	930
1	930				3	276	15	n	0	930
	230				3	244	16	0	. 0	930
	4 35				3	351	3	о	0	930
1	+30				4	409	1	9	c	930
	7440				40	3069	45	0	o	7440
ł		••••••	• • • • •	••••	• • • • • •	• • • • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •

]

1

1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NO

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION	NUMBER:		ST TO UTC: +	RICKENBACKER 5	ANGS	J 4		PERIOO MONTH:) OF RE	ECORO: M/	IAR 7
HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	•••••		MEAN		OF HOURS LE 32		TEMPERATE GE 30	URES
00-02	4H.7	17.308	10959	••••••	,	• • • • •	37	2144	2521	13	••••
03-05	47.0	17.027	10959				54	2311	2034	0	
96- 93	47.3	17.923	1035)				55	2396	2337	19	ļ
29-11	53.4	19.933	10959				33	1414	4005	751	1
12-14	58.4	20.457	10957				15	1309	4952	1970	1
15-17	50,5	27.437	1995)				11	1171	5179	2219	1
18-20	55.7	12.577	10957				15	1512	4384	1132	
21-23	51.1	17.934	10956				27	1859	3251	112	
ALL House	52.A	17.495	9 7 665				257	14515	23713	6255	

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

TIO UTC: +	RICKENBACKER 5	ANGB 3	Н			100 001 TH: AI		ECORD:	MAR 78	- FE3	69
TUTAL OBS	••••••	M		NUMBER LE 0	OF HOU LE 32	_	1TH 65	TEMPERA GE 30			TOTAL HOURS
12959	••••••	•••••	••••	37	2144	2	521	13	• • • • • •	0	10959
10959				54	2311	20	084	d	1	o	10959
19353				55	2396	2	337	19	ı	?	10959
11959				33	1814	41	005	751		3	10959
19957				15	1309	4	952	1970	5	2	10957
1035)				11	1171	5	179	2219	8	9	10959
10957				15	1512	4	384	1192	1	2	10957
10355				27	1858	37	251	112		0	10956
700 5				257	14515	23	713	5255	15		8 76 65

- - - 1 - 7

UPERATING LOCATION MAM USAFETAC, ASMEVILLE NO

WET BULB TEMPERATURE SUMMARY FROM HOURLY GRISERVATIONS

STATION	NUM 9ER:	ı	ST TO UTC: +	•	он		PERIOD #HTMOM	•	:CORD:	MA₽ 75
HŪURS LST	MEAN	STAMBARO DEVIATID				LF 32	OF HOURS GE 50	WITH GE 67		
20-02	23.1	10.919	930	• • • • • • • • • • • • • • • • • • • •	•••••	790	7)	0	• • • • • •
03-05	22.4	11.398	930			794	9	э	O	ı
76 ~ 78	21• ⁹	11.437	439			747	à	e	າ	
29-11	23.3	10.806	930			790	7	С	ว	
12-14	25.9	10.071	930			711	12	C	o	1
15-17	26.5	9.595	930			593	5	С	י	
19-20	24.7	7.771	930			754	3	ŋ	a	ı
21-23	23.4	10.276	930			734	3	9	3	ı
HUNSS VLF	23.7	10.622	744)	• • • • • • • • • • • • • • • • • • • •	• • • • •	5099 ••••••	F.	c	"	•
							жомта:	FEB		
00-02	25.7	11.233	-j49	• • • • • • • • • • • • • • • • • • •	• • • • •	507	14	Ú	9	•••••
3 73− 0€	24.9	11.457	849			625	15	o	1	
05-05	24.2	11.536	349			637	ų	3	o	
09-11	25.7	11.207	349			555 📥	25	5	0	
12-14	37.1	10.878	849			493	40	0	0	
15-17	31.3	10.809	349			457	50	0	0	
18-20	29.4	10.553	247			515	19	Ċ	9	
21-23	27.3	10.932	846			545	7	J	n	
ALL HOURS	27.5	11.319	6797			4436	173	9	0	

WET BULB TEMPERATURE SUMMARY FROM HOUPLY DRISERVATIONS

AME: RICKENBACKER ANGB C: + 5	nн	PERIOD MONTH:		RD: MAR 7	78 - FEB	88
<u>4</u> _	MEAN NUMBER () LF 32 ()	E 50 G	£ 67 (SE 73 GE	80	TOTAL HOURS
	790	7	9	0	0	930
	794	9	э	0	0	930
	743	3	o	c	0	930
	780	7	0	9	0	930
	711	12	G	С	0	930
	693	5	0	9	0	930
	753	3	9	о	0	930
	734	3	9	0	0	930
	5097	55	0	Э	O	7440
		номтн:	FEB			
	509	14	0	0	0	849
	525	15	0	0	0	849
	637	9	3	o	0	849
	5 35	20	0	0	0	849
	493	40	О	0	С	849
	457	50	0	0	0	849
	515	19	•	o	o	847
	545	7	э	0	0	846
	4436	173	0	0	0	6787

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

			LST TO UTC: +					HTMOM	HAR		MAP 78
HOURS LST	MEAN	STANDAR! DEVIATIO	TOTAL TOTAL				NUMBER		S WITH	TEMPERA	TURES
20-02	34.0	9.87	7 930	• • • • • • • • • • • •	• • • • •	• • • •	429	52	0	0	• • • • •
03-05	32.9	10.10	930				485	59	0	0	
06-08	32.3	10.033	? 930				513	47	O	0	
09-11	35.8	10.149	929				331	94	0	0	
12-14	39.1	10.231	930				230	167	0	О	
15-17	40.2	17.11	93)				206	194	c	າ	
18-20	39.4	9.748	930				259	150	0	0	
21-23	35.9	9.608	3 930				350	91	c	0	
ALL HOURS	35.1	10.361	7439				2803	354	0	1	
• • • • • • • •	• • • • • • • •	•••••	••••••	• • • • • • • • • • • • • • • • • • • •	• • • • •	• • • •	• • • • • •	• • • • • • • •	••••	• • • • • • •	• • • • •
								HTMOM	: APR		
00-02	43.1	∃•3 7 9	900				72	232	Э	S	
03-05	41.5	9.122	990				140	192	C	O	
06-03	41.9	9.234	900				134	202	0	0	
99-11	45.2	9.336	, 200				70	320	2	3	
12-14	43.9	9.217	993				43	423	12	0	
15-17	43.5	2.172	897				36	426	13	0	
18-20	45.3	1.945	897				44	380	วั	0	
21-23	45.7	3.728	697				57	290	0	Ġ	
ALL HOURS	45.5	7.544	7191			• • • • •	516	2465	37	0	

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

ON NAME: RICKENBACKER ANGB	Эн	PERIOD MONTH:	DF RECORD:	MAP 7	'8 - FE	8 88
TOTAL 348	MEAN NUMBER LE 32		WITH TEMPE GE 67 GE		DEG F	TOTAL HOURS
930	429	52	0	0	0	930
73 0	485	59	0	0	0	930
440	513	47	0	0	0	930
929	331	94	0	0	0	929
930	230	167	0	0	0	930
∵a)	206	194	o	0	n	930
930	259	150	0	0	0	930
330	350	91	O	0	0	930
(147)	2803	354	0	0	า	7439
		• • • • • • •		• • • • • •	• • • • • •	• • • • • •
		HTMOM	APR			
(C)	72	232	0	ð	9	900
300	140	192	n	0	0	900
100	134	202	0	0	0	900
190	70	320	2	0	2	900
793	43	423	12	0	0	898
437	36	426	18	0	9	897
# >7	44	380	5	0	0	897
. 11 J	57	290	0	0	0	899
7191	516	2465	37	0	0	7191

1

]

1

}

.]

}

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NO

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION	NUMBER:	LS	ST TO UTC: +	RICKENBACKFR 5	ANGB-OH		PERIOO HTMOM	_	CORD: MAR 78
HOURS LST	MEAN	STANDARD DEVIATION	TOTAL			NUMBER LE 32	GE 50	GE 67	TEMPERATURES
00-02	52.4	3.367	930	• • • • • • • • • • • •	• • • • • • • • •	2	570	29	0
03-05	50.9	8.641	930	=.		8	508	13	0
96-08	52.2	3.425	930			7	559	29	9
99-11	56.7	8.271	930			9	725	124	17
12-14	58.7	8.164	930			0	791	186	28
15-17	54.0	7.723	930			0	793	131	11
18-20	57.5	7.697	930			9	769	140	7
21-23	54.8	7.946	930			0	665	74	0
ALL HOURS	55.2	8.672	7440			17	5345	776	63
							MONTH:	JUN	
00-02	60.2	6.694	900	* • • • • • • • • • • • • •		0	841	188	13
03-05	58.8	7.076	900			o	789	152	q
06-08	60.2	6.842	900			0	831	132	16
09-11	64.2	5.540	900			3	984	374	36
12-14	65.8	6.395	900)	897	451	139
15-17	66.1	6.120	900			0	897	453	136
18-20	54.8	5.762	900)	893	398	70
21-23	52.3	5.114	900			o	880	256	20
ALL HOURS	62.9	6.982	7200			0	6912	2444	488

WET BULB TEMPERATURE SUMMARY FROM HOURLY ORSERVATIONS

ION NAME: RICKENBACKER ANGB TO UTC: + 5	· OH		D UF RECE	ORD: MAR	78 - FEF	88
ी ^स S		GE 50	GE 67	GE 73	GE 90	HOURS
930	2	570	29	0	0	930
930	8	508	13	0	0	930
930	7	553	29	0	0	930
439	•	725	124	17	0	930
930	0	791	186	28	0	930
933)	793	131	11	0	930
930	•	769	140	7	0	930
930	0	665	74	0	0	930
7447	17	5385	776	63	0	7440
		MONTH	: JUN			
300	0	841	188	13	2	900
000	0	789	152	9	0	900
900	0	831	192	16	0	900
າດດູ	3	884	374	86	2	900
าาว	0	897	451	139	4	900
900	o	897	453	136	2	900
700)	893	398	70	3	900
?0)	9	980	256	20	0	900
7200	9	6912	2444	433	11	7200
}						

USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

		LST	TO UTC:	-			MONTH:	JUL	CORD: MAR
HOURS S	MEAN	STANDARD DEVIATION	TOTAL OBS	• • • • • • • • • • • • •	MEAN	NUMBER LE 32	OF HOURS GE 50	WITH GE 67	TEMPERATUR
00-02	54.8	5.696	930	• • • • • • • • • • • • • •	•••••	Ö	926	398	58
03-05	63.3	5.957	930			o	914	312	28
9K - 08	54.4	5.772	930			7	922	372	62
99-11	58.5	5.400	930			9	930	608	221
12-14	69.9	5.201	930			0	930	685	296
15-17	70.0	4.933	930			Ċ	930	708	295
18-20	59.1	5.077	930			9	930	669	229
21-23	66.3	5.396	930			0	930	526	126
ALL HOURS	67.1	5.010	744.)		•••••) • • • • • • •	7412		• •
							нтисм	AUG	
00-02	53.3	5.122	929		• • • • • • • •	0	903	366	20
13-05	51.9	5.455	930			0	891	265	5
06-08	62.5	6.317	930			0	897	301	17
9-11	67.3	5.741	923			0	926	567	157
12-14	69.2	5.708	928			0	926	645	289
15-17	69.2	5.480	930			o	929	650	283
18-20	67.9	5.533	930			c	926	594	191
21-23	65.1	5.369	930			9	917	452	47
ALL HOURS	65 . 8	6.512	7436			0	7320	3841	1009

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

ION NAME: RICK	ENBACKER ANGB OH		PERIOD MONTH:		ORD: MAR	78 - FEB	88
TOTAL ORS		NUMBER LF 32	GE 50	GE 67		ES DEG F GE 80	HOURS
930	••••••	9	926	398	58	2	930
930		0	914	312	28	3	930
737		2	922	372	62	0	930
930		ŋ	930	608	221	8	930
73.3		0	930	685	296	18	930
73)		O	930	708	295	13	930
930		0	930	669	229	12	930
930		0	930	526	126	6	930
744)		3	7412	4278	1315	64	7440
			MONTH:	AUG			
929	• • • • • • • • • • • • • • • • • •	0	90년	366	20	2	929
939		0	891	265	6	0	930
930		0	897	301	17	0	930
929		0	926	567	157	3	929
923		0	926	646	289	9	928
930		0	929	650	283	3	930
730		0	926	594	191	2	930
939		9	917	452	47	o	930
7435		0	7320	3841	1009	22	7436
1	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • •

USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION	NUMBFR:		LST TO UTC: +		ANGB	он			D OF RE	ECORD: MAP
HOURS LST		STANDARD OEVIATIO		- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			LE 32	GF 50	GE 67	
00-02	57.4			• • • • • • • • • • • • •	••••	• • • • •	0	723	156	0
03-05	55.9	8.851	900				0	670	137	0
05-08	56.2	3.954	900				2	572	124	1
09-11	61.5	7.970	900				r	831	281	51
12-14	63.5	7.735	900				0	867	347	123
15-17	63.6	7.671	900				7	862	361	119
18-20	51.8	7.912	900				3	827	303	54
21-23	59.2	8.215	900				Э	760	212	13
ALL HOURS	59.9	•	7200		• • • • •	• • • • •	2	6212	-	371
								нтиом	: аст	
00-02	46.9		930		••••	• • • •	42	349	11	0
03-05	45.5	9.534	930				65	308	10	o
06-08	45.2	9.668	930				77	295	10	C
09-11	50.3	9.332	930				3	447	25	3
12-14	52.8	3.176	930				0	598	5 <i>2</i>	6
15-17	53.0	a.08 7	930				0	608	47	5
18-20	50.4	3.233	930				4	478	17	0
21-23	48.2	8.632	930				21	390	10	0
ALL HOURS	49.0		7440				218	3454	132	14

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

Q. C. S. D.

•••

) () ()

0

9

ON NAME: RICKENBACKER ANGB O UTC: + 5	OH	PERIO MONTH		ORD: MAR	78 - FE	8 88
7374L	MEAN NUMBER LE 32	OF HOUR	S WITH T GE 67	EMPERATURI GE 73	GE 80	TOTAL HOURS
900	Э	723	156	0	0	900
900	0	670	137	0		900
903	2	572	124	1	0	900
900	9	831	281	61	0	900
900	0	867	347	123	0	900
100	?	352	361	119	0	900
₹ 9 0	9	827	303	54	0	900
900	0	760	212	13	0	900
1240	2	6212	1921	371	n • • • • • • • •	7200
		HTMOM	: аст			
31¢	42	348	11	0	9	930
93 3	65	308	10	0	0	930
930	77	295	10	0	0	930
73)	3	449	25	3	ο	930
93 <u>0</u>	С	588	52	6	0	930
+3 0	0	608	47	5	э	930
93)	4	473	17	0	0	930
230	21	390	10	0	0	930
7440	218	3454	182	14	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NO

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION	NUMBER:	L:	st to utc: +		ANGB	рн	PERIO MONTH	D OF RE	CORD: MA
HOURS LST		STANDARD DEVIATION	083				GF 50	GE 67	GE 73
00-02	38.7	9.437	900	• • • • • • • • • • • •	• • • • •	271	129	0	0
03-05	37.7	9.495	900			297	114	0	0
05-08	37.1	9.543	900			307	107	0	0
09-11	40.3	9.130	900			130	155	0	0
12-14	43.3	9.394	900			100	239	3	0
15-17	43.5	9.331	900			93	250	1	0
18-20	41.1	9.085	900			173	139	0	0
21-23	39.3	9.214	900			241	149	9	c
ALL HOURS		3. 53 7		• • • • • • • • • • • • •		1657	1331	4	0
							нтисм	: DEC	
00-02	30.0	11.137	930	• • • • • • • • • • • • •		607	63	0	0
03-05	29.5	11.107	930			507	53	n	2
06-08	29.2	11.438	930			619	59	0	0
09-11	30.7	11.305	930			560	64	0	O
12-14	33.3	11.006	930			457	80	0	3
15-17	33.6	17.917	930			450	89	О	0
18-20	31. 3	11.061	930			531	71	С	0
21-23	30.7	11.159	930			583	68	0	o
ALL HOURS	31.1	11.254	7440			4424	547	0	0

.

WET BULB TEMPERATURE SUMMARY FROM HOURLY DASERVATIONS

.1

7	IN NAME: RICKENBACKER ANGB I) UTC: + 5	ОН	PERIOD MONTH:	OF RECO	RD: MAR	78 - FE	8 83
	T')TAL >5	MEAN NUMBER LE 32	GF 50	GE 67		ES DEG F GE 80	TOTAL HOURS
1	:30)	271	129	0	0	0	900
1	400	297	114	0	0	0	900
	900	307	107	0	0	0	900
1	900	190	155	0	0	o	900
ी	400	100	239	3	0	o	900
	71)	93	250	1	0	0	900
7	303	173	133	0	0	0	900
	100	241	149	9	0	0	900
	~;^^)	1657	1331	4	G	o ••••••	7200
			MONTH:	DEC			
1	33)	637	63	o	0	9	930
1	433	607	53	n	0	0	930
1	130	519	59	0	0	o	930
1	+3)	560	64	0	O	С	930
1	+ 5°)	457	80	0	0	o	930
1	93)	450	89	0	0	0	930
1	130	531	71	0	0	J	930
1	737)	583	68	0	0	0	930
	744) 	4424	547	0	0	0	7440

OPERATING LOCATION MAM USAFFTAC, ASHFVILL- NO

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

NCTTATZ	NUMBER:		TATTON NAME: ST TO UTC: +	RICKENBACKER 5	ANGB	OH			D OF RE	COSD: MAR
HOURS LST	* * * * * * * * * * * * * * * * * * *	STANDARÐ DEVIATION	TOTAL PAS	***********	• • • •	MEAN	NUMBER LE 32	OF HOUR GE 50	S WITH GE 67	TEMPERATUR GE 73
20-02	45.1	16,737	10953	•••••	• • • • •	• • • • •	2942	4823	1148	91
03-05	43.9	15.693	10959				3022	4522	389	43
06+09	44.0	17,255	10987				3085	4505	1013	76
09-11	47.7	17.978	10957				2514	5406	1991	545
12-14	50.1	17.362	10955				2034	5960	2382	879
15-17	50.6	17.049	10955				1950	6030	2419	849
18-20	44.8	17.239	10954				2234	5634	2116	551
21-23	45.5	15.992	10955				2501	5140	1530	205
ALL HOURS	47.1	17.337	47653				20332	42130	13433	3250

F - 5 - 2 - 7

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

3 -	NAME: RICKENBACKER ANGB WIC: + 5	UH		II OF RE	CURD: MAR	! /8 - FE	8 88
) E	[AL S	MEAN NUMBER LE 32	OF HOUR GE 50	S WITH GE 67	TEMPERATUR GF 73	ES DEG F GE 80	TOTAL HOURS
•••	4	2842	4823	1148	91	2	10958
j e	a	3022	4522	389	43	c	10959
า	1	3085	4505	1018	95	9	10959
13	7	2514	5406	1981	545	13	10957
31	5	2034	5960	2382	879	31	10955
2 a	, 16.	1950	6039	2419	549	2.9	10955
1.7	 *	2284	5634	2116	551	1 7	10954
5	,	2601	5140	1530	206	6	10955
· 7	1,	2033?	42130	13483	3250	97	87653

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

DEW POINT TEMPERATURE SUMMARY FROM HOURLY DBSERVATIONS

			LST TO UTC:			MONTH	JAN	CORD: MAP 7:
HOURS LST	MEAN	STANDARD DEVIATIO	JATCT C		MEAN NUMBER LE 27	. OF HOUR: GE 37	5 #ITH L= 55	TEMPERATURES GE 65
00-05	16.0	13.309		• • • • • • • • • • • • • • •	773	40	930	, , , , , , , , , , , , , , , , , , ,
03-05	15.5	13.734	930		776	43	930	o
06-09	14.9	13.947	930		724	43	930)
09-11	15.0	13.25	930		779	47	930	?
12-14	17.3	12.804	930		750	51	930	o
15-17	17.4	12.451	930		745	53	930	O
18-20	16.7	12.463	930		763	47	930	Ú.
21-23	15.9	12.586	930		777	35	930	0
	_		2 7440		5144		7440	?
• • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
						MONTH	FEA	
30+32	19.5	13.528	34.4		503	91	349	3
03-05	13.7	13.599	349		515	36	449	o
05 - 08	16.0	13.714	349		630	72	E43	0
09-11	19.5	13.511	849		59 5	94	343	j
12-14	21.7	13.324	849		550	1.29	249	ō
15-17	22.3	13.243	144		550	140	847)
13-20	21.7	13.094	347		553	135	347	Э
21-23	20.5	13.169	846		570	[09	846	0
		13.490			4692		5797	0

DEW POINT TEMPERATURE SUMMARY BORDH HOURLY DBSEVATIONS

ION NAME: RICKENBÄCKER ANGB ID JTC: + 5	Эн	PERIOD MONTH:		RD: MAR 78	- FE8 88
TOTAL Des	MEAN NUMBER D LE 27 G	F HOURS F 37	WITH TE LE 55	MPERATURES GE 65	DEG F TOTAL HOURS
930	773	40	930	0	930
930	776	43	930	0	930
લસ)	7 2 4	43	930	0	930
430	779	47	930	0	930
} 30	750	51	930	0	930
13)	745	50	930	0	930
430	763	40	930	0	930
1) j	777	35	930	0	930
2.4)	5143	347	7440	7	7440
		MONTH:	FEA		
· · · · · · · · · · · · · · · · · · ·		91	349	0	349
2 4.)	515	36	849	0	849
14 Q	637	72	849	0	849
1.4 f	595	94	849	O	849
'4)	550	129	849	0	849
144	560	140	849	o	849
-47	553	135	347	Э	849
· 45	570	I û a	846	9	849
717	4692	355	6787	0	6787

TOPERATING LOCATION MANUSAFETAC, ASHEVILLE NO

DEW POINT TEMPERATURE SUMMARY FROM HOURLY DESERVATIONS

STATION	NUMBER:		LST TO UTC: +		3 04	CIP39 HTMOM	D OF REC	040: M44
HOURS LST	MEAN	STANDARD DEVIATIO	ุน อิธร			GE 37	LF 55	GE 55
00-02	28.0			• • • • • • • • • • • • • • • • •	459	207	927	0
03-05	27.2	11.653	930		434	188	92 7	0
16− 03	25.B	11.702	930		503	184	924	9
09-11	29.4	11.790	929		424	227	921	2
12-14	29.5	12.100	930		410	264	922	0
15-17	29.7	12.091	939		391	230	91 8	0
18=20	29.9	11.809	930		391	256	925	9
21-23	29.2	11.330	930		416	236	927	0
ALL Holles	29.6	11.816	7439		3477			2
						моитн		
								• • • • • • • • • • • • • • • • • • • •
00-02	30.1	10.355	900		145	477	859	9
03-05	37.0	13.559	990		163	445	866	2
06-08	37.4	10.728	9 00		161	454	859	0
09-11	39.2	11.081	900		132	524	433	Ú
12-14	37.7	11.112	मृषव		144	530	820	1
15-17	39.7	11.252	877		129	530	820	3
18-20	39.4	11.092	897		132	516	323	3
21-23	39.0	10.523	дад		115	517	852	Ō
HOUKS VFF	38.7	10.915	7191		1122	3993	6737	7

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

TION NAME: RICKENBACKER ANGB TO UTC: + 5	Он	PERIOD MONTH:		MAR 78 - FEB	88
TOTAL 348		F HOURS		RATURES DEG F	TOTAL
930	458	207	927	0	930
930	484	188	927	0	930
947	503	184	924	0	930
929	424	227	921	0	929
930	410	264	922	o	930
23.7	391	230	918	0	730
930	391	256	925	0	930
930	416	236	927	0	930
743)	3477	1852	7391	ጎ	7439
	• • • • • • • • • • • • •			• • • • • • • • • • • • • • • •	••••
		MONTH:			
990	145	477		0	898
91)	163	445	866	0	899
ეტტ	161	454	859	0	898
≯ /)• 7	132	524	833	0	898
ធមាន្	144	530	820	1	898
417	129	530	820	3	898
nº17	132	515	828	3	893
401	115	517	e52	0	398
7171	1122	3993	6737	7	7191
•	• • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • • • • • • • • • •	• • • • •

OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO

TDEW POINT TEMPERATURE SUMMARY FROM HOURLY DESERVATIONS

STATION	NUMBER:		LST TO UTC:				MONTH:	MAY	CORD: MAR 78
HOURS LST		STANDARD	TOTAL IN DBS		MEAN	NUMBER	OF HOURS	WITH F 55	TEMPERATURES GE 65
00-02	48.3		930	• • • • • • • • • • • • • • • •	• • • • • • • •	13	784	671	37
03-05	47.3	10.299	930			21	759	691	21
06-09	48.5	10.158	930			12	792	559	33
09-11	50.5	10.73	7 930			17	826	600	89
12-14	50.5	11.034	930			25	834	594	96
15-17	50.0	10.83	9 930			21	919	602	93
18-20	49.9	10.583	930			12	310	620	34
21-23	49.3	10.204	930			7	826	633	55
		10.509				125			-
							MONTH:		
00-02	57.1	7.730	900		• • • • • • • •	0	900	373	132
03-05	56.1	7.835	900			o	396	417	167
06-0მ	57.1	7.819	900			О	897	378	191
09-11	53.3	₹ • 242	2 900			c	39 8	322	270
12-14	53.7	려. 554	900			0	898	342	276
15-17	53.4	8.450	900			0	899	343	269
18-20	53.3	# .12 €	900			О	900	336	241
21-23	53.1	7.49	900			o	900	333	223
	57.2		7200	• • • • • • • • • • • • • • • • • • • •		9	71×8	2849	1909

F - 5 - 3 - 3

VERNMUR SAUTAFFER TO THIRD WAD STANDER WERE SUBJECT OF THE MEST WAS A STANDARD OF THE MEST WAS A STAND

ATTON NAME: RICKENBACKER T TO UTC: + 5	ANGR	ОН		PERIOD MONTH:		ECORD: MAR	78 - FEB 88
TOTAL OBS		ME AN	NUMBER LE 27	GE 37	LF 55	TEMPERATURI GE 65	HOURS
930	• • • • •	• • • • •	13	784	671	37	930
930			21	759	691	21	930
930			12	792	669	33	930
930			17	826	600	89	930
930			25	834	594	96	930
930			21	818	602	93	930
930			12	810	620	34	930
₹30			7	326	633	66	930
7441			125	5449	5085	519	7440
				момтн	JUN		
300		• • • • •	<u> </u>	900	373	182	900
900			0	896	417	167	900
900			0	897	373	191	900
300			O	398	322	270	900
999			0	898	342	276	900
+ 00			0	899	343	269	900
900			0	900	336	241	900
900			0	900	338	223	900
7200			9	7148	2849	1809	7200

6 - 5 - 3 - 1

USAFETAC, ASHEVILLE NO

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION	NUMBER:	L S	+ :DTU CT TO	•				HTMCM	: JUL	CORD: MA
LST		STANDARD DEVIATION	09.5			MEAN	NUMBER LE 27	GE 37	S WITH LE 55	TEMPERATU GE 65
00-02	62.4	5.675	930	• • • • • • • • • • • • •	• • • • •	• • • • •	0	930	164	395
03-05	61.3	6.848	930				0	930	185	332
06-08	62.2	6.779	930				0	930	160	380
09-11	64.2	5.950	930				0	930	118	486
12-14	63.8	7.144	930				0	930	135	482
15-17	63.5	5.387	930				0	930	134	459
19-20	63.9	5.327	930				9	930	116	497
21-23	53.7	6.573	930				0	930	126	455
ALL HOUPS		5.941	•			• • • • •	<i>'</i>)	7440		3475
								HINOM	: AUG	
00-02	51.1	h.952	929	• • • • • • • • • • • • •	• • • • •	• • • • •	C	929	210	378
12+05	60.0	7.170	930				C	927	260	323
06-08	60.5	7.098	930				0	929	236	340
09-11	63.2	7.253	929				С	927	156	492
12-14	63.3	7.945	923				?	924	168	503
15-17	62.3	7.920	930				0	927	186	458
18-20	63.3	7.390	930				3	927	171	475
21-23	62.2	5.912	930				9	929	176	437
ALL HOURS	62.0	7.462	7436				0	7419		

5 - 5 - 3 - 7

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

TION NAME: RIC	KENBACKER ANGB	ОН		HTMCM:	JUL	CORO: MAR	78 - FE9	88
TOTAL 385		L	E 27	GE 37	WITH LE 55	TEMPERATURE GE 65		HOURS
930			0	930	164	395	• • • • • • • •	930
930			0	930	188	332		930
930			0	930	160	380		930
930			0	930	118	486		930
930			0	930	135	482		930
7 30			0	930	134	459		930
930			0	930	116	487		930
930			0	930	126	455		930
744)			<i>(</i>)	7440	1141	3476		7440
				MONTH:	AUG			-
929		• • • • • •	0	929	210	378	• • • • • • • • •	928
933			o	927	250	323		928
930			0	929	236	340		928
929			Э	927	156	492		928
92 ય			c	924	168	503		928
930			0	927	186	468		928
7 30			J	927	171	475		928
930			9	929	176	437		928
7436			0	7419	1563	3416		7436

- 5 - 3 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NO

DEW POINT TEMPERATURE SUMMARY FROM HOURLY DBSERVATIONS

			LST TO UTC: +			HTHOM	SEP	ORD: MAR 7
HOURS LST	" MEAN	STANDARD DEVIATIO	TOTAL O	•••••	MEAN NUMBER LE 27	OF HOUR' GF 37	S WITH T LE 55	EMPERATURES GE 65
00-02	54.7			• • • • • • • • • • • • • • • • • • •	0	860	451	161
03-05	53.5	9.782	900		0	350	491	151
36 - 03	53.7	9,859	900		9	851	483	148
09-11	56.8	9.705	900		o	882	398	238
12-14	56.0	10.374	900		1	86 8	418	249
15-17	55.3	10.632	900		2	859	433	232
18-20	56.0	19.272	900		1	867	400	238
21-23	55.7	9.641	900		0	8 7 2	424	198
ALE HOURS		10.074		•••••	4	6909		
						MONTH	: ЭСТ	
00-02	42.9	10.6º9	930		45	531	773	14
23-05	42.0	19.813	930		79	617	800	13
06-08	41.7	10.816	930		31	603	820	12
09-11	44.3	10.260	930		33	703	782	23
12-14	44.3	19.95t	930		45	669	767	26
15-17	43.8	11.065	930		50	664	769	24
13-20	43.5	10.752	930		47	554	7 73	17
21-23	43.5	10.437	930		53	552	782	12
-	43.3				453	5213	6271	141

POINT TEMPERATURE SUMMARY FROM HOURLY DESERVATIONS

	STEEL WEITS	RICKENBACKER 5	ANGB	Эн			OD OF RE	CORD: MA	12 78 - F	E8 88
	TOTAL * OBS		• • • • •	MEAN		GE 37	LE 55	TEMPERATU GE 65	RES DEG	HOURS
	900		• • • • •	• • • •	0	860	451	161	•••••	900
ď	900				0	850	491	151		900
	900				0	851	483	148		900
	900				o	882	398	238		900
	900				1	868	413	249		900
	900				2	859	433	232		900
1	200				1	867	400	238		900
1	900				0	872	424	198		900
٠	7200				4	5909	3498	1615		7200
						MONT	н: ОСТ			
	930	• • • • • • • • • • •	• • • • •	••••	65	531	773	14	• • • • • • • •	930
	93)				79	617	800	13		930
1	930				81	603	820	12		930
į	930				33	703	782	23		930
	930				45	669	767	26		930
-	930				50	664	769	24		930
į	936				47	554	773	1 7		930
,	939				53	552	782	12		930
	7440				453	5213	6271	141		7440
	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •	• • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •

USAFETAC, ASHEVILLE NO

DEW POINT TEMPERATURE SUMMARY FROM HOURLY DBSERVATIONS

STATION	NUMBER:		LST TO UTC: +			MONTH	: NOV	ECORD: MAR 7
HOURS LST	MEAN	STANDARD DEVIATIO				DF HOUR GE 37	S WITH LE 55	TEMPERATURES GE 65
20-02	33.8	11.031		••••••	307	352	875	0
03-05	33.0	10.994	900		312	320	890	0
05- 08	32.5	11.031	900		303	296	882	0
09-11	34.7	10.910	900		235	357	8 7 3	0
12-14	35.7	11.662	900		242	397	862	1
15-17	35.6	11.863	900		255	336	я47	0
18-20	34.8	11.347	900		275	392	865	0
21-23	34.0	11.033	900		290	347	869	0
ALL HOURS		11.315	7200	,	2229		6953	1
						MONTH	: DEC	
00-02	24.2				573	140	925	Ó
03-05	23.7	13.541	930		537	145	929	0
06≁0∂	23.6	13.808	930		600	139	930	0
09-11	24.3	13.833	930		555	154	923	0
12-14	25.0	13.756	930		529	188	912	0
15-17	26.2	13.859	930		513	186	900	0
18-20	25.6	13.705	930		536	172	921	o
21-23	24.8	13.661	930		563	154	923	0
ALL HUURS	24.9	13.762	7440		4466	1278	7375	9

YPARMUUS SAUTARASHET THING WAS

75	NAME: RICKENBACKER ANGBUTC: + 5	он	PERIOD MONTH:		CORD: MAR 78	- FEB 88
•	(TAL 5-5	MEAN NUMBER LE 27		WITH LE 55	TEMPERATURES GE 65	DEG F TOTAL HOURS
,	<i>///</i> /	307	352	875	0	900
	- 10	312	320	890	0	900
	`1	303	296	882	0	900
	600	235	357	873	0	900
	. 17	242	397	862	1	900
	· }?	245	336	847	0	900
1	eP)	275	392	965	0	900
		290	347	869	0	900
	· ,	2227	2937	5953	1	7200
			MONTH:	DEC		
1	· · · · · · · · · · · · · · · · · · ·	573	140	926	0	930
į	••)	537	145	929	0	930
1	· y',	600	139	930	0	930
		555	154	923	o	930
	. ')	529	188	912	0	930
	1911	513	186	900	0	930
1	* #	536	172	921	0	330
-	• :)	563	154	928	0	930
•	•40	4455	1278	7375	9	7440

F = 5 = 3 = 4

1

OPERATING LOCATION "A" USAFFTAC. ASHEVILLE NO

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

NOITATE	NUMBER		TATION NAME: ST TO UTC: +	RICKENBACKER 5	ANGB	ЭH			D OF RE	CORD: MAR 1
HOURS LST	MEAN	STANDARD NCITAIVEC	TOTAL 09.5	• • • • • • • • • • • • • •	• • • •	MEAN	NUMBER LF 27		S WITH LE 55	TEMPERATURES GE 65
00-02	40.6	13.992	10953		• • • •	• • • • •	2937	6341	8013	1157
03-05	39.7	13.927	10959				3033	5206	9223	1007
25-03	39.8	12.377	10959				3074	5190	8120	1094
09-11	41.8	19.672	10957				2790	5559	7705	1598
12-14	42.3	19.213	10955				2706	6682	7719	1534
15-17	42.2	13.932	10956				2677	6669	7737	1548
18-20	42.0	17.111	10954				2715	5509	7732	1545
21-23	41.5	19.139	10955				2792	6517	7830	1391
ALL นายธุร	41.2	17,20?	37653			;	2271)	517-3	53090	10384

c = 5 = 3 = 7

YEARMINE SUITAY SERVED TO THE SUMMARY TO THE SERVET TO S

	NAME:	RICKENBACKES	R ANGB	Эн			OD OF R	ECORD:	MAR 78 - F	EB 88
G F	1.	• • • • • • • • • • • •	• • • • •	MEAN	NUMBER LE 27	CF HOU GE 37	RS WITH LE 55		TURES DEG	F TOTAL HOURS
				• • • • •	2937	6341	8013	1157	• • • • • • • • •	10958
ø	Ì				3033	6206	8228	1007		10959
					3074	5190	8120	1094		10959
	Ì				2790	5559	7705	1598		10957
	}				2706	6682	7719	1634		10955
					2677	6669	7737	1548		10956
	•				2715	5509	7732	1545		10954
	•				2792	6517	7836	1391		10955
• • • •	ļ 				22717	51783	53090	10934	• • • • • • • • •	97653

r = 5 = 3 = 7

OPERATING LOCATION MAMUSAFETAC, ASHEVILLE NO

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUEROM HOURLY OBSERVATIONS

		724285		UTC: + 5	,			MON	PIOD DE NAL :HTM		MA9 7
	• • • • • • •	• • • • • • • •							• • • • • • • •	• • • • • • • •	• • • • • •
HOURS					DITY GRE	_				_	
LST	102	5.0%	30%	40%	50%	50%	70%	40%	30%	AETH	7
• • • • • • •											
00-02	100.0	100.0	100.0	97.7	85.7	53.4	34.3	13.4	3.4	64.4	
03-05	100.0	100.0	100.0	28.1	37.5	67.3	34.7	12.2	4.0	55.0	
25-03	100.0	100.0	100.0	97.7	39.0	68.5	34.4	13.3	4.2	65.6	
29-11	100.0	100.0	100.0	97.1	84.6	60.3	32.5	12.5	4.0	63.7	
. •	• • •	• • • •	•						_		
12-14	130.0	100.0	99.7	39.3	71.3	45.4	22.0	9.0	2.0	58.3	
•- • •	155,	10010	,,,,,	.,,,,,,				, • •	_ • •	• J	
15-17	100.0	100.0	39.0	27.0	57.1	33.5	10.9	ល _{្ខ 4}	2.2	54.5	
1, 1,	1 1	100.	<i>y</i> , • · · ·	7.4.0	,, • ·	, , ,	•	• •	- • ≀	/··• 3	
18-20	100.0	100.0	વળ, વ	93.5	73.6	50.5	34.1	0.9	1.7	62.4	
19-20	19649	100.0		73.7	F 3 • O	70.0	i. 7 • 4		1 • /	(3) • ·•	
	136	100 6	1:00	0: 0		# D 1	21.	12.7	2 7	(3.5	
21-23	100.0	100.0	100.0	95.3	82 • 8	58.1	31.3	12.¢	2.7	62.8	
1LL							2.7. 2				
หมูปู่คร	100.0	100.0	33.3	34.7	80.5	56.5	23.0	11.4	3.0	52.3	
• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •		• • • • • • •	• • • • • • • •	• • • • • •
								M:	INT 4: FE	.8	
• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •		* * * * * * * *	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • •
ეე <u>-</u> ე2	100.0	137.3	100.0	90.1	90.1	65.5	42.3	22.5	5.2	67.3	
03-05	100.0	100.0	99.3	93.2	90.8	57.7	44.0	24.9	7.8	5ª.0	
06 - 08	100.0	100.0	99.5	98.7	92.0	58.4	46.3	26.4	7.1	63.5	
09-11	100.0	100.0	99.8	97.1	85.0	58.1	38.5	21.3	5.2	55.2	
12-14	100.0	100.0	97.3	90.2	57.4	45.9	25.4	13.9	4.5	51.3	
										-	
15-17	100.0	99.9	95.6	33.9	62.2	40.4	24.3	12.8	3.9	55.4	
., .,	100,7	, , • ,	, , , ,	13.	G.2 V.L	,,,,,			,,,	, , ,	
13-20	100.7	100.0	13.5	92.3	7 5.9	50.8	31.7	17.6	5.3	62.1	
* 3 - 5, v	139.7	133.0	1000	74 • 3	/	7 € • 3	21.0	¥ 7 • U	• •	9 C • 1	
21-23	100.0	120.2	100.0	93.2	85.2	58.4	37.5	20.3	6.1	55.5	
-1-29	13.77 • M	1 700 · J	± J() ± J	10.2	57.6	20 • ♥	11.5	24.0	0 • 1	33.3	
*1 4											
ALL							3.4 5				
HDURS	100.0	100.0	93.9	94.7	91.1	55.9	36.5	20.0	5.9	55.5	

c - 5 - 1

1

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

	NAME: R UTC: + 5		KER ANGB	34		RIOD OF NTH: JAN		MAR 78 - FEB 98
: <u>L</u> AT	IVE HUMI 40%	DITY GRE	AHER THA	N OR EQU 70%	PAL TO 80%	90%	меди	TOTAL ORS
.)	97.7	85.7	53.4	33.3	13.4	3.4	64.4	930
. 3	28.1	37.5	67.8	34.7	12.2	4.0	65.0	930
	97.7	39.0	68.5	34.9	13.3	4.2	65.6	930
, •)	97.1	84.6	60.3	32.6	12.5	4.0	63.7	930
7	39.3	71.3	45.4	22.0	9.0	2.0	58.3	930
	a7.0	57.1	33.5	18.9	۹.4	2.2	54.5	930
•	43.5	73.6	50.5	24.1	9.9	1.7	69.4	930
•	95.3	32.8	58.1	31.3	12•€	2.7	62.3	930
• • •	34.7	80 . n	56.5	23.0	11.4	3.0	62.3	7440
					м	INTH: FE	а	
	95.1	90.1	65.5	42.3	22.6	5.2	67.3	849
,	99.2	90.8	57.7	44.2	24.9	7.8	59.0	949
	98.7	92.0	68.4	46.3	26.4	7.1	63.5	849
	→7.1	45.0	59.1	38.5	21.3	6.2	65.2	A49
	99.2	57.4	45.9	25.4	13.9	4.6	60.3	249
	33.9	62.2	40.4	24.3	12.8	3.9	55.9	849
	92.3	75.9	50.8	31.7	17.6	5.3	62.1	847
	93.2	85.2	58.4	37.5	20.3	6.1	65.6	346
	94.7	91.1	56.9	36.5	20.0	5.9	65•6	6787

OPERATING LOCATION MAM USAFETAC, ASHEVILLE NO

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUM FROM HOURLY DRSERVATIONS

STATION	NUMBER:	724285	LST 10	UTC: + 5					PERIOD OF MONTH: MA	₹	MAR 75
HOURS	•••••	• • • • • • • •	RELAT	IVE HUMI	DITY GRE		N OR EQU	AL TO	• • • • • • • •		• • • • • • •
LST	10%	274	30%	40%	50%	60%	70%	30%	9.7%	MEAN	۲ſ
00-02	100.0	100.0	99 •7	98.4	90.9	71.7	43.8	20.1	5.9	67•6	
03-05	100.0	130.0	100.0	98.9	93.2	76.0	46.2	24.1	5.1	09.1	
36-0a	100.0	100.0	100.0	વનુ• ઘ	93.7	76.3	° 0 • 1	24.6	7.1	51.5	
09-11	100.0	39.9	99.0	93.5	76.0	53.2	31.0	15.7	5.1	61.9	
12-14	100.0	99.7	92.7	70.7	54.2	35.2	22.3	11.3	4.3	54.1	
15-17	100.0	79.1	39.4	59.7	49.5	33.3	20.3	11.4	3.4	52.0	
16-20	100.0	99∙8	95.8	32.7	64.1	43.3	27.2	14.7	4.5	57∙৪	
21-23	100.0	100.0	99.0	96•1	82 • 9	62.4	38.4	16.3	5.5	54.5	
ALL 1908S	100.0	വരം പ	46. €	89.4	75.5	55.0	34.9	1 . 3	5.3	54.5	
• • • • • • •		• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •		• • • • • • • •	• • • • • •
									MONTH: A		
00-02	100.0	100.0	100.0	98.0	92.1	75.1	55.9	30.7	9.3	70.9	
03-05	100.0	100.0	100.0	99.4	95.2	80.3	51.5	35.6	13.0	73.3	
96-08	100.0	100.0	100.0	99.5	95.1	32.3	63.4	35.C	14.3	73.4	
09-11	100.0	100.0	99.3	91.3	72.6	52.4	32.0	1 = . 1	0.0	51.3	
12-14	100.0	100.0	93.3	71.5	52.7	34.5	20•∃	12.1	2.7	53.3	
15-17	100.0	99.9	39.5	65.4	44.6	31.5	19.3	9.3	2.0	50.7	
19-20	100.0	34.4	95.2	73.7	53.2	40.7	24.9	13.5	3.1	55.0	
21-23	100.0	100.0	99.6	94.8	32.5	55.2	41.5	22.1	5.1	55.7	
ALL HOURS	100.0	100.0	27. ?	₽ 7.4	74.2	50.2	40.1	22.1	7.1	55.7	

r = 6 = 3

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY DBSERVATIONS

NAME: RICKENBACKER ANGB OH

1/2 : 25

10

!3 10 , , 10 30

,)

) 1

Ţ ر. 7 7 o

1

iτc	: 1	5								:HTM					
,		CIPL	ITY	GREA'	TER	THAN	OR E	QUAL 1	ro						• • •
	401		50		60							WEVN		TOTAL DE	3.5
9	ਰ . 4	•		9		7		20			9		• • • • • •	930	•••
9	8 • 5	•	93.	2	76.	c	46.2	24	• • 1	6.	• 1	69.1		930	
;	۽ ۽ ڊ	2	93.	7	76.	3	50.1	24	••6	7.	. 1	59.5		930	
,	3 • 5)	76.	0	53.	2	31.0	15	. 7	5.	• 1	61.9		929	
7	0.7	?	54.	2	35.	2	22.3	11	.3	4,	. 3	54.1		930	
5	٠, ٦	7	49.	5	33.	3	20.3	11	. 4	3.	• 5	52.0		937	
3	2.7	,	64.	1	43.	3	27.2	14	.7	4	• 6	57.8		930	
7	6.1		32•	9	62.	4	38.4	16	.3	5.	. 5	54.5		930	
	3 . 4	•	75.	5 • • • • •	55.) • • • • •	34.7	1	. 3	5,	. 3	54.5		7439	•••
						_			,	ONTH:	: AP	ર			
,		,	₹2.	1	70.	i	55.4	30	7	9.	3	70.9	• • • • • •	900	•••
,	1.4	•	95.	2	30.	3	51.5	35	.5	13	С.	73.3		900	
7	1.5	,	95.	1	32.	3	63.4	35	• c	14	. 3	73.4		900	
,	1.1		72.	6	52.4	•	32.0	1 -	.1	5.	. 5	61.3		900	
7	1.5	i	52.	7	34.5	ò	20.8	12	2.1	2.	. 7	53.3		898	
5	5.4	•	44.	Ó	31.	5	19.8	q	.3	2	. Э	50.7		897	
,	3 • 7	•	53.	2	4 3.	7	24.9	13	, 2	3,	• 1	56.0		897	
9	4.4	3	32.	6	55•	2	41.5	22	2 • 1	5,	. 1	55.7		899	
	7.4	,	74.	2	50.	?	40.1	22	• 1	7	. 1	55.7		7191	

PERIOD OF RECORD: MAR 78 - FEB 88

OPERATING LOCATION MAN COMPLATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE FOR HOURLY OBSERVATIONS

USAFETAC	. ASHEA	ILLE NO	EBOW HORKTA DEPERANTIONS									
		724295	LST TO	UTC: +				MU	RIGO GE NTH: MAY		мДР	
HOURS LST	102		RELA1	TIVE HUM 40%	IDITY GRE	ATER THA	N OR EQU 70%	AL TO 30%	90%	MEVI		
00-02	100.0	100.0	100.0	99.4	95.8	85.3	63.8	36.5	16.0	74.1	• • • • (
03-05	100.0	100.0	100.0	99.6	97.1	90.4	73.9	47.5	19.3	77.2		
25-28	100.0	100.0	100.0	97.5	97.1	90.5	71.3	43,3	15.3	76.0		
29-11	100.0	100.0	98.3	91.9	77.8	58.3	39.4	19.7	5.3	53.5		
12-14	100.0	99∙ε	92.6	78.0	55.9	37.4	23.0	10.1	2.3	54.5		
15-17	100.0		97.5	59.9	43.5	34.3	21.2	10.5	2.5	52.1		
19-20	100.0		94.8	ម1.0	60.1	43.4	29.5	14.2	4.6	57.1		
21-23	130.0	100.0	100.0	97.3	88.2	69.6	50.4	26.7	9.4	64.7		
ALL 49985	100.0	a 4. a	96.7	39.6	77.6	63.7	46.5	25.1	a.4	63.7		
		••••						٨	UL :HTMOI	IN		
90 - 32	190.3	100.0	100.0	100.0	99.4	95.1	77.0	42.1	15.2	77.1	• • • • •	
93 - 05	100.0		100.0	100.0	99.7	98.0	83.1	54.1	22.4	82.3		
06-08	100.0	_	100.0	100.0	99.8	94.6	78.2	42.4	15.3	77.2		
09-11	199.0		100.0	97.3	33.0	57.2	30.5	17.8	2.1	62.7		
										54.0		
12-14	100.0	100.0	99•3	⁴⁵ ,3	57.1	31.2	15.3	4.5	• 3			
15-17	100.0	190.0	98.3	78.1	49.2	26.9	14.4	3.9	1.0	51.7		
13-20	100.0	100.5	99.6	39₊વ	65.8	40.9	22.3	9.4	2.1	57.5		
21-23	100.0	100.0	100.0	100.0	96.8	80.4	52.0	25.4	7.7	70.5		
ALL HOURS	100.0	120.0	99.7	93,9	81.3	55.5	47.3	24.1	3.3	70.6		

F = 6 = 3

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY DESERVATIONS

HOI

ب	NAME:	RICKENBAC	KER ANGE	3 OH		RIOD OF		MAR 78 - FEB 88
TAL	IVE HUM	IOITY GRE	ATER THA	N OR FOU	Δ1 TΩ	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
93	40%	50%	60%	70%	30%		MEAN	TOTAL ORS
93	R ss i	95.8	85.3	53.8			74.1	930
3.3	79.6	97.1	90.4	73.9	47.5	19.3	77.2	930
93	91.5	97.1	90.5	71.3	43.3	15.3	76.0	939
93.	91.9	77.8	58.3	39.4	19.7	5.3	53.5	930
च र	73.0	55.9	37.4	23.0	10.1	8.5	54.5	930
дá	50.9	48.5	34.3	21.2	10.5	2.5	52.1	930
93,	81.0	60.1	43.4	29.5	14.2	4.6	57.1	930
	97.3	88.2	69.6	50.4	26.7	9.4	68.7	930
744	: 1.5	77.6	63.7	44,5	25.1	9,4	63.7	7440
0,)-,					м	ONTH: JU	N	
no l	100.0	99.4	95.1	77.0	42.1	15.2	77.1	900
ار ن	100.0	99.7	98.0	83.1	54.1	22.4	80.3	900
9).	122.0	99.8	94.6	78.2	42.4	15.3	77.2	900
305	97.3	33.0	57.2	30.5	10.6	2.1	62.7	900
90%	45.3	57.1	31.2	15.3	4.5	• 8	54.0	900
იეი	78.1	49.2	26.9	14.4	3.9	0.1	51.7	900
າທາ	59 , 4	65.3	40.9	22.3	9.4	2.1	57.5	900
	199.0	96.8	80.8	52.0	25.4	7.7	70.5	900
200	73.7	81.3	55.6	47.3	24.1	8.3	70.6	7200

OPERATING LOCATION "A" CUMULATIVE PERCENTAGE FREQUENCY OF DOCURRENCE OF RELATIVE USAFETAC, ASHEVILLE NO FROM HOURLY DRSEPVATIONS

		724285	LST TO	UTC: +	5			MO	RIOD OF NTH: JUL		ма
HOURS	• • • • • • •	• • • • • • • •				ATER THA			•••••	• • • • • • • •	•••
LST	10%	20%	30%	40%	50%	60%	70%	30%	90*	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	97.7	84.7	57.2	28.6	31.0	• • •
03-05	100.0	100.0	100.0	100.0	100.0	99.5	90.2	67.4	38.7	83.9	
06 - 09	100.0	100.0	100.0	100.0	100.0	97.3	34.7	50.0	31.3	31.8	
09-11	100.0	100.0	100.0	99.2	91.8	70.8	42.5	16.5	5.2	67.1	
12-14	190.0	100.0	99.8	94.2	69.3	38.7	18.2	5.4	2.2	57.0	
15-17	100.0	100.0	39.7	89.4	50.9	33.4	15.9	4.3	• 9	55.0	
18-20	100.0	100.0	99.9	97.1	30.5	54.0	25.2	11.2	3.3	62.0	
21-23	100.0	100.0	100.0	100.0	99.2	92.2	59.0	36.7	13.3	75.8	
ALL HOURS	100.0	100.0	99.9	77.5	8 7. 6	73.0	54.2	32.5	15.5	75.3	
									UA :HTMG	G	
00-05	100.0	100.0	100.0	100.0	100.0	98.7	39.3	50.0	25.2	81.7	•••
03-05	100.0	100.0	100.0	100.0	100.0	100.0	95.4	72.6	34.0	84.4	
06-08	100.0	100.0	100.0	100.0	100.0	99.2	91.0	56.7	30.3	83.1	
09-11	100.)	100.0	100.0	99.1	92.5	77.0	49.9	21.3	5.3	69.3	
12-14	100.0	100.0	99.5	39.9	71.8	44.4	22.0	8.2	2.3	53.4	
15-17	100.0	100.0	98∗8	35.1	63.0	38.7	18.5	7.3	3.1	55.0	
18-20	100.0	100.0	99.9	95.8	83.8	52.3	37.5	15.8	4.7	64.6	
21-23	100.0	100.0	100.0	100.0	99.4	94.9	74.7	44.1	14.1	77.3	
ALL HJURS	100.0	120.0	39. 3	95.2	98.8	77.0	5 0. 0	37.0	15.1	77.3	

CUMULATIVE PERCENTAGE FREQUENCY OF DCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY DBSEPVATIONS

MID

3 -

3 -									
	NAME:	RICKENBAC 5	KER ANGB	OH 1	MO	NTH: JUL		MAR 78 - FEB 88	
37.4	76 HUM 40%	IDITY GRE	ATER THA	N OR EQU 70%		90%	MEAN	TOTAL OBS	
ر ر	100.0	100.0	97.7	84.7	57.2	28.6	81.0	930	
a	100.0	100.0	99.5	90.2	67.4	38.7	83.9	930	
G	120.0	100.0	97.8	34.7	50.0	31.3	81.8	930	
9	33.2	91.8	70.3	42.6	16.5	5.2	67.1	930	
9	14.2	59.3	38.7	18.2	5.4	2.2	57.0	930	
a		50.9	33.4	15.9	4.3	. 9	55.0	930	
Q 1	97.1	30.5	54.0	28.2	11.2	3.9	62.0	930	
	100.0	99.2	92.2	69.0	38.7	13.3	75.8	930	
74.	17.5	H 7. 6	73.0	54.2	32.5	15.5	75. 8	7440	
		• • • • • • • • • •	•••••	• • • • • • • • •		•••••	•••••	•••••	
٠ د د					М	ONTH: AU	iG		
	100.0	100.0	98 . 7	49.3	50.0	25.2	81.7	929	
o (: 20.0	100.0	100.0	95.4	72.6	34.0	84.4	930	
0.3	100.0	100.0	99.2	91.0	56.7	30.3	83.1	930	
9.2	· · · 1	92.5	77.0	49.9	21.3	5.3	69.3	929	
9.	37.9	71.8	44.4	22.0	8.2	2.8	58.4	928	
9.3	35.1	63.0	38.7	18.5	7.3	3.1	56.0	930	
3.3	45 • ?	33.4	62.3	37.5	15.8	4.7	64.6	930	
	100.0	97.4	94.9	74.7	44.1	14.1	77.3	930	
743	a5 , 2	33.3	77.0	59.9	37.0	15.1	77.3	7436	
1	_								

- CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE H OPERATING LOCATION "A" USAFFTAC. ASHEVILLE NO FROM HOURLY DBSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR LST TO UTC: + 5 MONTH: SEP RELATIVE HUMIDITY GREATER THAN OR EQUAL TO HOURS LST 70% 90% 90% 10% 234 30% 40% 50% 60% MFAN 20-00 100.0 99.4 97.7 100.0 100.0 100.0 83.7 55.0 20.4 79.8 03-05 100.0 100.0 100.0 100.0 100.0 90.1 66.1 98.6 26.5 82.3 06-08 100.0 100.0 99.1 90.1 23.4 82.1 100.0 100.0 99.8 65.7 09-11 100.0 100.0 100.0 97.9 90.1 72.3 47.3 20.8 5.7 67.8 12-14 100.0 100.0 97.4 34.0 58.1 31.8 15.3 53.8 1.9 6.1 100.0 99.3 15-17 94.1 75.1 47.5 26.8 12.1 5.4 1.5 51.0 18-20 100.0 100.0 99.3 92.9 80.0 57.4 33.9 16.0 62.9 3.5 21-23 100.0 100.0 100.0 100.0 98.3 90.3 71.4 75.5 41.6 10.7 ALL 78.7 40018 100.0 100.0 93:9 84.2 55.5 34.3 75.5 71.3 11.7 MONTH: OCT 100.0 00-02 100.0 100.0 **39.7** 95.0 37.4 70.9 43.1 13.0 75.0 03-05 99.0 79.1 100.0 100.0 100.0 100.0 93.0 46.7 77.7 15.1 49.7 96-09 100.0 100.0 100.0 100.0 93.6 92.2 79.9 79.2 15.1 09-11 100.0 100.0 99.9 97.1 85.5 67.3 45.3 22.3 57.0 5.5 12-14 100.0 96.9 100.0 81.2 57.0 34.0 20.2 9.9 54.5 2.5 15-17 100.0 100.0 93.2 2.9 73.7 49.9 30.1 18.9 10.3 52.4 18-20 100.0 100.0 99.2 92.5 73.3 56.5 34.0 19.2 63.1 5.5 21-23 100.0 100.0 100.0 98.7 94.5 30.4 56.3 32.0 71.5 ALL 92.3 HOURS 100.0 100.0 82.4 98.7 57.7 50.7 29.2 4.9 71.5

5 - 6 - 5

ł

IDIT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

	NAME:	RICKENBAC 5	KER ANGS	ОН		RIOD OF NTH: SEP		MAR 78 - FES 88
TALA	TV= HUN	HIDITY SRE	ATER THA	N-fiR-Fot	AL TO	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • •
900	40%	50%	60%	70%	BU%	90%	MEAN	TOTAL OBS
900	100.0	99.4	97.7	83.7	55.0	20.4	79.8	900
J00g	100.0	100.0	98.5	90.1	66.1	26.5	82.3	900
901	100.0	99.8	99.1	90.1	66.7	23.4	82.1	900
900	97.9	90.1	72.3	47.3	20.8	5.7	67.8	900
900	34.0	58.1	31.8	15.3	6.1	1.9	53.8	900
90ଚ	75.1	47.5	25.5	12.1	6.4	1.5	51.0	900
9 00	92.9	80.0	57.4	33.9	16.0	3.6	62.9	900
720 :	100.0	99.3	90.3	71.4	41.6	10.7	75.5	900
	73.9	54.2	71.3	55.5	34.3	11.7	75.5	7200
93:					м	סט יאדאר סט	.τ	
930	99 . 7	95.6	37.4	70.9	43.1	13.0	75.0	930
.) a	100.0	98.0	93.0	79.1	46.7	15.1	77.7	930
93:	100.0	93.6	92.2	79.9	49.7	15.1	79.2	930
930	+7+1	85.6	67.3	46.3	22.3	5 • 5	67.0	930
930	91.2	57.0	34.0	20.2	9.9	2+5	54.5	930
930	73.7	49.9	30.1	18.9	10.9	2.9	52.4	930
930	92.5	73.3	56.5	34.8	19.2	6.5	63.1	930
440	વ્યુ. 7	94.5	30.4	56.3	32.0	8.7	71.5	930
	42.3	82.4	57.7	50.7	29.2	9.9	71.5	7440

OPERATING LOCATION MAM-USAFFTAG, ASHEVILLE NO

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HU

USAFFTA	C. ASHEVI	LLE NO	FROM HOURLY DESERVATIONS									
	MAMAES:		LST TO	UTC: + 5				MC	RIOD OF ONTH: NOV	,	MAR T	
HOURS LST		20.9	RELAT 30%	TVE HUMI 40%	DITY GRE	ATER THA	IN OR EQU 70%	AL TO 30%	90%	MEAN	1	
20-02	100.0	100.0	100.0		95.2	79.2	57.2	34.8		72.3		
03-05	100.0	100.0	100.0	98.9	95.8	82.8	59.6	38.3	11.4	73.4		
36-09	100.0	100.7	39.3	99.2	95.6	84.2	51.6	37.1	13.0	73.9		
09-11	100.0	99.9	99.3	97.4	88.4	72.2	49.1	23.7	10.2	69.1		
12-14	100.0	99.5	97.3	35.3	67.9	49.4	34.2	18.3	5.7	60.3		
15-17	100.0	99.2	95.7	33.4	65.4	48.0	34.9	18.6	5.3	59.7		
18-20	100.0	100.0	99.2	95.8	81.4	61.9	44.1	24.8	7.4	55.0		
21-23	100.0	100.0	160.0	98.8	92.3	72.4	53.0	29.1	9.8	70.3		
ALL	100.0								9.3	79.3		
			• • • • • • • •				• • • • • • • • •		IONTH: DE	· · · · · · · ·		
00-02	100.0		100.0		91.5				3.5	69.4		
93-05	100.0	120.0	100.0	93.7	91.5	73.9	50.0	25.2	7.5	59,4		
06=08	100.0	100.0	150.0	99.4	92.9	75.9	53.3	25.7	7.3	70.1		
09-11	100.0	100.0	100.0	98.3	90.6	69.2	47.4	20.4	5. Y	67.8		
12-14	100.0	100.0	99.7	94.3	78.2	55.1	33.3	15.4	5.7	52.7		
15-17	100.0	100.0	99.6	93.9	14.5	53.4	32.6	16.7	6.5	62.3		
18-20	100.0	100.0	160.0	93.0	89.2	5 7. 2	42.9	20.5	7.4	67.0		
21-23	100.0	100.0	100.0	98.8	90.4	72.2	49.6	22.4	a. 2	59 . 8		
ALL HOURS	100.0	100.0	93.9	97.5	87.4	57.6	. 45.2	21.3	7.3	58.8		

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY DBSERVATIONS

TITY

1			rkum ngo	KET SESE	VAMITOUS			
-	: : OTU C:		KER ANGB	ан		R100 DF NTH: NOV		MAR 78 - FEB 88
L	ATIVE HUM	MIDITY GRE	ATER THA	N OR EQU	AL 10 30ኛ	90%	MEAN	TOTAL DAS
j	99.0	95.2	79.2	57.2	34.8	9,4	72.3	900
J	98.9	95.8	82.8	59.6	38.3	11.4	73.4	900
	99.2	95.6	84.2	51.6	37.1	13.0	73.9	900
ì	97.4	88.4	72.2	49.1	28.7	10.2	69.1	900
	35.3	67.9	49.4	34.2	10.3	5.7	60.3	900
7	33.4	55.4	43.0	34.9	18.6	5.3	59.7	900
•	95.8	81.4	61.9	44.1	24.8	7.4	55.0	900
	99.9	92.3	72.4	53.0	29.1	9.8	70.3	900
	94.9	95.3	58 . 8	47.2	22.2	9.3	70.3	7200
					м	ONTH: DF	С	
•	98.8	91.5	74.2	51.5	24.3	3.5	69.4	930
•	93.7	91.5	73.9	50.9	25.2	7.5	59.4	930
	39.4	92.9	75.9	53.3	25.7	7.3	70.1	930
	98.3	90.6	69.2	47.4	20.4	5.9	67.8	930
,	94.3	78.2	55.1	33.3	15.4	5.7	62.7	930
	73.9	74.5	53.4	32.6	16.7	6.6	62.3	930
,	¥3.0	39.2	57.2	42.9	20.5	7.4	67.0	930
	98.8	90.4	72.2	49.5	22.4	a. ?	59.8	930
,	97.5	87.4	57.6	45.2	21.3	7.3	68.8	7440

OPERATING LOCATION: "A" CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE USAFETAC. ASHEVILLE NO FROM HOUPLY DRSERVATIONS STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGBOTH PERIOD OF RECORD: MAR

STATION	NUMBER:	124285		NAME: R UTC: + 5		KER ANGB) OH	•	PIDO OF	RECURD: 	449
HOURS LST	10%	20H	RELAT 304	TVE HUMI 40%	DITY GRE	ATER THA	72%	JAL TO	90%	медм	
00-02	100.0	100.0	100.0	99.1	94.7	82.9	52.9	36.7	13.5	73.4	
03-05	100.0	100.0	100.0	99.3	95.7	35.8	67.9	43.0	17.3	75.4	
06-03	100.0	100.0	100.0	99.4	96•1	35.8	67.2	41.0	15.5	75.0	
09-11	100.0	100.0	99.5	96.5	84.9	54.2	40.6	19.0	5.9	65.6	
12-14	100.0	77.9	97.2	85.2	63.3	40.2	22.7	10.4	3.2	56.7	
15-17	100.0	ងចុំ ខ	7# • 1	79.6	56.9	36.3	21.0	10.0	3.1	54.7	
18-20	190.0	100.0	93.5	90.9	14.7	52.5	31.8	15.6	4.5	61.4	
21-23	100.3	100.0	99.9	98.3	91.1	74.8	52.2	27.7	3.5	69.3	
ALE HOUPS	100.0	100.9	क्≉. ३	93.5	82.2	65.3	45 . 9	25.4	8.9	55 . 5	

IDITY

- F(

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY ORSERVATIONS

			KER ANGB		MO	PERIOD OF RECORD: MAR 78 - FEB 88 MONTH: ALL				
17 AL 2	∨ट म∪ला 40%	DITY GRE	ATER THA	N DR EQU 73%	AL TO	90%	MEAN	TOTAL DRS 10958 10959 10957 10955 10956 10954 10955		
.0957	77.1	94.7	82.9	52.9	36.7	13.5	73.4	10958		
.0950 	39.3	95.7	35.8	67.9	43.0	17.3	75.4	10959		
±3957	17.4	96.1	35.8	67.2	41.0	15.5	75.0	10959		
10955	45.5	84.9	54.2	49.6	19.0	5.9	55.5	10957		
13956	₹5.2	63.3	40.2	22.7	10.4	3.2	56.7	10955		
10954	27.5	56.9	36.3	21.0	10.0	3.1	54.7	10956		
10955	70.9	14.7	52.5	31.8	15.6	4.5	61.4	10954		
	÷8.3	91.1	74.9	52.2	27.7	3.5	69.3	10955		
37653	•									
	3.5	82.2	65.3	45.9	25.4	8.9	55.5	87653		

реререре	AAAAA	RRRR	RRRR	111111111	FFFFFFFFF	
cudaddedd	AAAAAA	A RRRR	RRRRR	TTTTTTTTT	FFFFFFFF	
99 99	ΔΔ	AA 22	· · · · · · · · · · · · · · · · · · ·	TT	FF	
op op	ΔΔ	AA RR	RR	TT	FF	
ppppppppppppppppppppppppppppppppppppppp	AA	AA RRRR	RRRRR	11	FFFFFF	
pppppppp	AAAAAAA	AA RRRR	RRRR	7 7	FFFFF	
ρP	4444444	AA RR	RR	TT	FF	
OP	44	AA RR	RR	ŢŢ	FF	
00	AA	AA RR	≳ ⊃ ⊤	TT	t E	
DD.	AΔ	AA RR	P.R	TT	É.E.	
DD	AA	AA RR	हर	TT	ţ	

and the second of the second o

PART F

PRESSURE SUMMARIES

- ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:
 - BY FIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
 - BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
 - BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- SEA LEVEL PRESSURE.
 IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL DISERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.
- ALTIMETER SETTING.
 IN INCHES OF MEMCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL GBSERVATION COUNTS.
- STATION PRESSURE.
 IN INCHES OF MERCURY (Hg), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL DBSERVATION COUNTS.
- PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

DPERATING LOCATION "A" USAFETAC. ASHEVILLE NO

SEA LEVEL PRESSURE IN MILLIBARS FROM HOURLY DOSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGBOTH PERIOD OF RECORD: MAR 71 LST TO UTC: + 5 TP MAY JUN JUL AUG HOURS SEP 1411 APR MAY COL FEB MAR (LST) 2100 ME AM 1019.7 1019.7 1016.9 1015.0 1015.0 1015.5 1016.4 1017.2 1018.4 1019.2 8.944 7.021 3.702 6.052 50 8.395 5.193 4.393 3.695 3.554 4.898 TOT 035 310 293 309 300 310 300 310 310 299 2422 45 44 1010.4 1010.5 1016.5 1014.5 1014.7 1015.4 1315.2 1017.0 1018.3 1019.2 4.988 3.735 9.195 7.273 4.553 3.730 6.269 S D 3.370 P.539 5.455 TOT DES 310 283 310 300 310 300 310 2700 색투지적 1020.0 1020.1 1015.6 1015.9 1015.4 1017.1 1018.0 1019.3 1020.0 1017.4 SO 9.343 9.016 8.791 7.540 5.639 4.632 3.893 3.392 5.155 5.474 THT HAS 310 283 310 300 310 310 310 310 1000 MEAN 1021.0 1020.3 1013.1 1016.0 1015.2 1015.6 1017.4 1018.4 1019.8 1020.7 7.559 5.097 3.950 8.874 SD 7.554 7.169 5.639 4.587 3.859 6.473 TOT CAS 310 203 310 300 310 310 46.44 1300 1013.3 1020.0 1017.2 1015.4 1015.9 1017.6 1018.8 1019.5 1015.2 1015.3 4.452 300 4.834 SD TOT ORS 9.374 3.826 310 3.790 9.007 3.613 5.401 5.132 7.247 310 222 310 310 300 310 300 1018.5 ME AN 1014.0 1015.7 1019.3 1015.9 1400 1019.0 1014.4 1014.3 1015.4 1017.4 9.935 6.963 50 ા. ⊬58 3.287 5.151 4.343 3.702 3.712 4.764 5.987 THT HES 310 310 1900 155 AN 1020.1 1019.7 1016.4 1014.2 1014.3 1014.5 1015.5 1015.3 1017.5 1019.1 5.242 3.678 3.352 4.753 9.062 5.037 50 4.202 3.555 3.601 5.922 TOT 905 310 221 300 300 310 310 310 447 A*i 2230 1000.2 1019.9 1017.1 1015.1 1015.1 1015.6 1015.4 1017.3 1013.4 1019.5 5.547 3.592 3.535 4.300 3.527 -.107 o.035 5.1 6.345 4 • 135 5.015 TOT 085 222 310 310 300 310 300 310 310 300 310 HE AN 1020.0 1019.3 1015.9 1016.4 1LL 1015.0 1015.2 1015.6 1017.3 1018.5 1019.5 \$0 HOURS 9.114 3.750 8.493 7.193 5.375 4.474 3.203 3.795 4.980 6.205 2423 2250 243) 2400 2479 2400 2440 2430 2393 2430

1

SEA LEVEL PRESSURE IN MILLIBARS FROM HOURLY DISSERVATIONS

IN NAME: RICKENSACKER ANGS DH PERIOD OF RECORD: MAR 78 - FEB 88 3 470: + 5 R MAY JUN JUL AUG SEP APR MAY JUN OCT NOV DEC 1015.0 1015.0 1015.5 1015.4 1017.2 1016.9 1018.4 1019.2 1019.7 1020.2 1017.7 4.898 4.395 7.021 5.193 4.393 3.595 3.554 6.052 7.149 8.339 6.900 299 309 300 310 300 310 310 300 1015.5 1014.5 1014.9 1015.4 1015.2 1017.0 1018.3 1019.2 1019.5 1020.3 1017.6 4.988 4.553 3.730 7.273 3.735 7.081 5.455 6.269 7.214 8.433 £.539 299 310 300 310 300 310 310 310 300 310 3652 1015.9 1015.4 1017.1 1018.0 1019.3 1017.4 1015.6 1020.0 1020.2 1020.6 1018.4 7.540 3.893 5.155 6.474 7.791 5.639 4.632 3.392 7.400 8.544 7.196 310 300 300 310 310 300 310 310 310 3452 1015.2 1015.6 1013.1 1018.4 1019.8 1020.7 1020.9 1021.5 1018.9 1015.0 1017.4 4.374 7.559 5.639 4.587 3.950 3.859 5.097 6.473 7.658 8.850 7.332 300 310 300 310 300 310 310 300 3653 310 310 1117.2 1015.2 1015.4 1015.9 1016.3 1017.6 1013.3 1019.5 1019.5 1020.2 1018.0 8.343 5.182 7.522 1.613 7.247 5.401 4.452 3.826 3.790 4.834 7.137 310 300 300 310 310 300 310 300 310 3652 1018.5 1715.7 1014.0 1014.4 1014.3 1015.7 1015.4 1017.4 1018.9 1019.8 1017.0 . 237 4.343 3.702 5.987 6.963 5.151 3.712 4.764 7.412 8.589 6.968 300 310 300 310 300 3653 310 310 310 300 310 1017.5 1016.3 1019.5 1014.6 1015.5 1019.1 1020.5 1017.3 1015.4 1014.2 1014.3 6.242 5.052 5.037 4.202 3.555 3.601 4.753 5.922 7.285 8.524 6.939 300 319 300 310 300 310 310 31C 300 310 3651 1015.1 1017.3 1019.6 1019.7 1717.1 1015.1 1015.6 1015.4 1013.4 1020.6 1017.9 3.535 0.345 5.035 -.107 4.135 3.592 4.800 5.015 7.219 8.394 6.838 300 310 310 310 300 1015.9 1015.2 1015.6 1017.3 1018.5 1019.5 1019.3 1020.5 1017.9 1015.0 1016.4 3.803 4.980 :.493 4.474 3.795 8.592 7.193 6.205 5.375 7.392 7.074 1473 2400 2433 2470 2443 2430 2393 2430 2399 2480 29216 OPERATING LOCATION MAM TO USAFETAC, ASHEVILLE NO

ALTIMETER SETTING IN INCHES FROM HOURLY OBSERVATIONS

STATI	אייא איין איין מיין מיין	724295		N NAME: UTC: +	RICKENBA	CKER ANG	8 04		PERIOD OF	RECORD	MAR 71
HOURS (LST)	STATS	JAN	FER	MAR	· ΔPR	MAY	NUL	JUL	AUG	SEP	DCT
2100	MF AN	30.07	30.03	30.00	29.96	29.97	29.99	30.02	30.05	30.08	30.09
3100	SD.	•258	•251	.245	.206	.153	.129	.109	.106	.141	.176
	131 388	310	283	310	300	310	300	310	310	300	310
	131 333	210	203	310	300	3.0	500	7.0	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	300	310
2400	MEAN	30.07	32.27	29.99	29.95	29.95	29.39	30.02	30.04	30.07	30.09
* **	SD	. 255	255	.250	.214	.151	134	.111	.110	.144	.192
	TOT 095	310	293	310	300	310	300	319	310	300	310
0700	MEAN	30.08	30.09	30.02	29.98	29.99	30.02	30.04	30.07	30.19	30.11
0.00	ŝĵ	.270	.260	• 255	•222	155	•135	.114	.112	.143	.188
	TOT 095	310	223	310	300	310	300	310	310	300	310
				3.	3						
1000	MEAN	30.11	30.11	30.04	29.99	30.00	30.03	30.05	30.0e	30.12	30.13
	50	.275	.264	.259	.223	.168	.135	.116	.112	.147	.199
	101 338	310	283	310	300	310	300	310	310	300	310
1300	MEAN	30.00	33.20	30.01	29.96	29.93	30.00	30.13	30.06	30.09	30.10
	50	.271	.262	.252	.213	.151	.131	.112	.110	.141	.131
	191 085	310	233	310	300	310	300	310	310	300	310
1600	MEAN	30.06	30.05	29.98	29.93	29.95	29.97	30.00	30.02	30.05	30.07
	\$0	.259	.259	.242	205	.152	.123	.108	.107	.137	.175
	101 035	310	233	310	300	310	300	310	310	300	310
1999	MEAN	30.08	30.03	29.99	29.94	29.95	29.97	29.99	30.02	30.05	30.08
	30	• 250	. 254	.235	.201	.148	.124	.104	.134	.136	.172
	เ อา บอร	310	281	310	300	310	300	310	310	300	310
2200	44° A11	30.00	30.08	30.01	29.96	29.97	30.00	30.02	30.05	30.07	30.10
	SO	250	25.4	235	202	143	123	105	.194	134	.174
	ากา กร	310	282	310	300	310	300	310	310	300	310
ALL	MEAN	30.04	30.08	30.01	29.96	29.97	30.00	30.02	30.05	30.08	30.10
หมือเคร		.253	.253	.248	212	158	.131	.111	.110	.144	.180
	TUT JaS	2440	2261	2480	2400	2480	2400	2430	2450	2400	2430

ALTIMETER SETTING IN INCHES FROM HOURLY OBSERVATIONS

FERTO UTC: + 5 PERIOD OF RECORD: MAR 78 - FEB 88 137 APR MAY JUL YAM AUG ... SEP TICT DEC 30.10 .240 29.99 30.05 30.09 30.09 30.00 29.96 29.97 30.08 30.02 0.00 .153 .129 .141 . 245 .206 .109 .106 .176 .209 .203 310 300 310 300 310 310 300 310 300 310 3653 300 29.99 29.95 29.99 30.02 30.09 29.95 30.04 30.07 30.09 30.10 30.04 0.07 .134 .250 .161 .182 .243 .211 .214 .111 .110 .144 .204 .211 310 300 310 300 310 310 300 310 300 310 3653 301 30.02 29.98 29.99 30.02 30.04 30.07 30.10 30.11 30.11 30.11 30.06 0.11 . 256 .222 .135 .114 .208 .156 .112 .143 .133 .216 .250 .215 300 310 300 310 300 300 3653 310 310 30 30.04 29.99 30.00 30.03 30.05 30.08 30.12 30.13 30.13 30.13 30.08 10.15 .259 .223 .135 .189 .256 .168 .116 .112 .147 .224 .211 .224 310 300 310 300 310 310 300 310 300 309 3652 30.01 29.96 30.00 30.13 29.93 30.09 30.10 30.06 30.10 30.09 30.05 19.3 .252 .213 .151 .131 .112 .110 .141 .181 .223 .256 .205 .2, 310 300 300 300 310 300 310 3653 310 310 310 30 29.93 30.07 30.05 30.07 24.93 29.95 29.97 30.00 30.02 30.09 30.02 30.07 .242 .205 .152 .128 .108 .107 .137 .175 .217 .248 .201 .217 300 310 300 310 310 300 310 300 3653 310 310 29.99 29.94 29.95 29.97 29.99 30.02 30.05 30.08 30.09 30.10 30.03 30.1 .124 .104 .104 .235 .201 .148 .136 .172 .212 .246 .199 •217 300 310 300 310 310 310 300 310 300 310 3651 300 30.00 30.01 29.96 29.97 30.02 30.05 30.07 30.10 30.09 30.11 30.05 30.54 .235 . 202 .123 .105 .174 .195 .143 •104 •138 .211 . 242 115. 300 310 300 310 310 300 310 300 3652 33.01 29.96 29.97 30.10 30.09 30.00 30.02 30.05 30.08 30.10 30.04 30.0∋1 .153 . 249 .212 .131 .110 .144 .180 .249 .111 .216 .204 .215

2430

2450

2400

2480

2400

29220

I

1

1

1

, 3

1

2430

2400

OPERATING LOCATION "A"
USAFFTAC, ASHEVILLE NO

STATION PRESSURE IN INCHES FROM HOURLY DESERVATIONS

STATI	ON NUMBERS	724285		N NAME: UTC: +	RICKENBA 5	CKER ANG	8 DH		PERIOD OF	RECORD:	MAR 7
HOURS (LST)	STATS	NAL	FEB	MAR	APR	MAY	Jun	JUL	AUG	SEP	oct
0100	MEAN	29,27	29.27	29.20	29.16	29.17	29.19	29.22	29.24	29.27	
3.03	ČŽ	253	.245	.240	•202	.150					27.28
	าวา ีวิธร	310	283	310	300	310	•126 300	.105 310	•102 310	.137 300	•172 310
0.400		22.27	22.07	20.42	20.5						
2400	MEAN	29.27	27.27	29.19	29.15	29.15	29.19	29.21	29.24	29.27	29.28
	50	•550	. 250	.245	. 200	.157	.131	.108	•106	.139	.178
	101 Ocs	310	293	310	300	310	300	310	310	300	310
0700	MEAN	29.28	29.28	29.21	29.17	29.19	29.21	29.24	29.26	29.30	29.30
	SO	. 255	. 254	.251	.217	.162	.132	.110	.103	.144	184
	र्वर एउड	310	233	310	300	310	300	310	310	300	310
1000	MEAN	29.31	29.30	29.23	29.18	29.20	27.22	29.25	29.27	29.31	29.33
	Sõ	.269	.259	.253	.213	.164	.131	.112	.103	.143	185
	TOT DBS	310	283	310	300	310	300	310	310	300	310
1300	ыс дэ;	27.27	29.28	23.21	29.16	29.13	23.20	29,23	29,25	29.28	29.29
	SD	255	. 257	245	209	197	•128	.108	125	.137	.176
	<u>าดา โด</u> ลร	310	293	310	300	310	300	310	310	300	310
1600	MEAN	29.26	29.25	27.13	29.13	29.15	29.17	29.20	2.1.5.3	30.37	30.24
2000	sə	-254	254	.236	.200	.143			24.22	29.24	29.26
	กาก บาร	310	293	310	300	310	•125 300	•105 310	•104 310	•133 300	.170
1900	MEAN	29.24	29.27	29.19	20.2	20.11	**				
1 40 7	-				29.13	29.14	29.16	29.19	29.22	29.25	29.28
	30 T D 5 000	.245	.249	.230	.197	•145	.121	.101	.101	.132	.168
	TOT UBS	316	261	310	300	310	300	310	31 C	300	310
2200	MEAN	29.23	29.28	29.21	29.16	29.17	29.19	29.22	29,24	29.27	29.29
	รอ	.244	.243	.231	.197	.145	•120	•102	.107	.134	.170
	171 085	310	292	310	300	310	300	310	310	300	310
ALL	MEAN	29.26	29.23	29.20	29.16	29.17	29.19	29.22	29.24	29.27	29.29
สอบจร	CZ	.257	.252	.242	.207	. 155	.128	•103	105	.139	176
	tat ars	2433	2251	2430	2490	2430	2400	2480	2440	2400	2480

c - 4 - 1

STATION PRESSURE IN INCHES FROM HOURLY DBSERVATIONS

FE ON NAME: RICKENBACKER ANGBOH PERIOD OF RECORD: MAR 78 - FEB 88

- 1											
347	14R	'APR	MAY	NUL	JUL	AUG	SEP	ост	VOV	DEC	ANN
.29		• • • • • • •								• • • • • • •	
204	29.20	29.16	29.17	29.19	29.22	29.24	29.27	29.28	29.29	29.29	29.24
300	.240	.202	.150	.126	.105	.102	.137	.172	.204	•235	.194
	310	300	310	300	310	310	300	310	300	310	3653
21	29.19	29.15	29.15	29.19	29.21	29.24	29.27	29.28	29.29	29.30	29.23
30	.245	.209	.157	.131	.108	•106	•139	.178	.206	.238	.199
1	310	300	310	300	310	310	300	310	300	310	3653
35	29.21	29.17	29.19	29.21	29.24	29.26	29.30	29.30	29.30	29.30	29.26
o i	.251	•217	.162	.132	.110	.103	.144	.184	•211	.245	.203
1	310	300	310	300	310	310	300	310	300	310	3653
32	23.23	29.18	29.20	29.22	29.25	29.27	29.31	29.33	29.32	29.33	29.27
1 7	•253	.213	.164	.131	.112	103	.143	185	.219	.250	207
0.7	319	300	310	300	310	310	300	310	300	309	3652
, I		750	210	300	310	210	500	310	500	507	3032
1	23.21	29.16	29.13	29.20	29.23	29.25	29.28	29.29	27.23	29.29	29.24
30	.245	.209	.157	•128	.108	.125	.137	.176	•21∂	.251	.201
	310	300	310	300	310	310	300	310	300	310	3653
د 2	23.13	29.13	29.15	29.17	29.20	29.22	29.24	29.26	29.25	29.28	29.22
12	.236	.200	.143	•125	.105	.104	.133	.170	.212	.243	.196
^ 	310	300	310	300	310	310	300	310	300	310	3653
2 `	29,19	20.12	29.14	29.16	29.19	29.22	29.25	29.28	29.23	29.30	29.22
0 -	-	29.13				.101		- •			.194
37	.230	.197	•145	.121	.101	310	•132 300	.168	•208 300	.241	3651
. 1	310	300	310	300	310	310	300	310	300	310	3031
2 -	22.21	29.16	29.17	29.19	29.22	29.24	29.27	29.29	29.29	29.30	29.24
oo i	.231	.197	.145	.120	.102	.100	•134	.170	.206	.236	•192
4	310	300	310	300	310	310	300	310	300	310	3652
23	29.23	29.16	29.17	29.19	29.22	29.24	29.27	29.29	29.23	29.30	29.24
11	.242	.207	.155	.128	•103	105	.139	.176	.211	.243	.199
00	2430	2490	2430	2490	2490	2490	2400	2480	2400	2479	29220
	l					• • • •		•			

F - 4 - 1

I

99999	999	444	AAA	२२२ २	RR9R	**********	61	SGGGG
ррерр	рррр		AAAA	RRRR	RRRRR	TITTITITT	GG	32222
כם	ρp	44	AA	RP	RR	7.7	GG	GG
PΡ	РP	AA	AA	RR	RR	TT	GG	
apapa	papp	ΔΔ	AA		RRRRR	TT	e c	
ррррр	PPP	AAAA	AAAAA	RRRR	RRRR	77	GG	GGGG
po		44444	ASAAA	₹.₽	११ :	· TT	 GG	asasa
pρ		AA	AA	RR	RR	TT	GG	GG
ОO		AΑ	AA	RR	ਲ ਤ	TT		GGGGGG
ρþ		ΔΔ	AA	'RR "	RR	11	G	GGGGG

The second section of the second
G - 1 - 1

DART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL UBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- 34 MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMPINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (PDF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE THO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL DISERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL DESERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL DESERVATIONS.

JBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL DESERVATION COUNT IS INCLUDED.

OPERATING LOCATION MAM-USAFETAC, ASHEVILLE NO

CATEGORY 3

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY DBSFRVATIONS

MAGNETIC RUNH

STATION NUMBER: 724285 STATION NAME: RICKENGACKER ANGB OH PERIOD OF RECLET TO UTC: + 5 POINTH: JAN

•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • •	•••••	• • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • •	
			CAT	EGORY A:	ANY CE	ILING	บุร VISI	BILITY	(HOURLY	335 QN	LY)	
			CAT	EGORY 3:	HIGHES	T WIND	S REPOR	TEU WITH	HIN THE	ผิวบิด	(HOURL	.IES +
*************	• • • • • •	• • • • • •	• • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •
TIME (LST)		220	o - 02	00		939	0 - 050	ij		060	0 - 08	100
SPEED (KTS)	3515	GE 25	GE35	i)8\$	GE15	GE 25	GE35	083	GE15	GE25	GE35	988
CATEGORY A	1.5	• 1		937	2.3			930	1.0			930
CATECURY 3	4.4	. 4		338	5.5	• 1		997	4.2	. 4		1006
•••••	• • • • •	• • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	••••	• • • • • •	• • • • • • •		• • • • • •	• • • • •	• • • • •
TIME (LST)		120	0 - 14	00		150	0 - 170	o c		180	0 - 20)00
SPEED (KTS)	3515	3F25	6E35	933	GE15	GE 25	GE 35	08.S	GE15	SE25	6835	J# S
CATEGORY A	1.9			930	2.3			930	2.3			930
CATEGORY B	4.5	• 3		1015	4.6	. 7		1032	5.6	• 5		995
•••••		• • • • •				• • • • •	• • • • • •	• • • • • • •		• • • • •	••••	
TIME (LST)	• • • • • •		•••••	• • • • • • • • • •	0600	- 2000	* • • • • • •		• • • • • • •		 LL +	IDUR S
FIRE (ESF)					0500	- 2000				*		,,,,,
SPEED KTS				SE15	GE25	GE 35	250		S	[15 G	E25 G	SE35
CATEGORY A				1.3			4650	1		1.7	• 0	

5.0 .4 5053 4.9 .3

5 - 2 - 1

HEADT1

MA

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY DBSFRVATIONS

MAGNETIC RUNHAY HEADING: 050~230

134 NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88

75 UTC: + 5 MONTH: JAN

		• • • • • •							•••••			•••••	• • • • •
						(HOURLY			01155 1	SPECIALS)			
					* * * * * * * * * * * * * * * * * * *	inin inf	#130K	•••••		•••••••		• • • • • •	• • • • •
Gt i	123)		030	00 + 05	00		060	o - c	0080		090	00 - 11	00
1.	ं तह\$	GE15	GE 25	GE35	លួកទ	GE15	GE25	GE35	085	GE15	GE 25	GE35	08 S
٠,	9 30	2.3			930	1.0			930	1.9			930
	938	5.6	. 1		990	4.2	• 4		1005	5.2	• 1		1014
		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••		• • • • •	•••••	• • • • • • • •		• • • • • •	• • • • •
S- 1	. 400		150	0 - 17	or		180	0 - 2	000		210	00 - 23	00
1.	9 355	GE15	GE 25	GE 35	08 S	GE15	GE 2 5	GE35	385	GE 15	GE 25	GE 35	085
4.	930	2.3			930	2.3			930	1.7			930
	1015	4.5	• 7		1032	5.6	• 5		996	4.4	• 2		1007
••••		• • • • • • •	• • • • • •		• • • • • • •	• • • • • • • •				• • • • • • • • •	• • • • • •	•••••	••••
۶۶ .		0500	- 2000)			А	LL	HOUR'S				
· າ	9515	GE25	GE 35	មម	S	s	015 G	E 25	GE35	035			
ર ગ	1.3			465	0		1.9	• 0		7440			

4.9

• 3

9038

OPERATING LOCATION "A"
USAFETAG, ASHEVILLE NO

1

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY PASERVATIONS

MAGNETIC

STATION NUMBER: 724285	STATION NAME: RICKENBACKER ANGBORN OH LST TO UTC: + 5	PERIOD O MONTH: F
------------------------	---	----------------------

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGURY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (MOURL

• • • • • • • • • • • • • • • • • • • •	• • • • • • •											
TIME (LSI)		220	0 - 02	രാ		230	10 - 051	00		05	no -	0 =
SPEED (KTS)	GE15	GE25	GE 35	Ja \$	GE15	GE 25	G£35	oss	GE15	GE 25	GE3	5
CATEGRAY 4	1.5			849	1.1			849	• 2			
CVLECOBA 3	3.3	.4		905	2.5			316	2.1	• 1		
•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • • •	• • • • • •	• • • • •	• • • • • •	•••••		• • • • •	••••	••
TIME (EST)		120	0 - 14	00		150	00 - 170	00		18	100 -	20:
SPEED (NTS)	J.15	3525	JE35	135	GE15	SE25	GE35	UBS.	6815	GE25	GE3	5
CATEGURY A	2.5			849	3,3			849	1.4			
CATEGGRY a	5.4	٠, 5		945	6.7	• 3		932	4.1	. 7	•	
• • • • • • • • • • • • • • • • • • • •					• • • • • •	• • • • • •						• • •
TIME (LST)					0500	- 2000	:				۵۲۲	н
SPEED KTS				GE15	GE 25	GE 35	183	3	3	£15	GE 25	G;
CATEURRY 1				1.5			4243	I		1.5		
CATEGURY 3				4.7	. 4		4500)		4.2	. 4	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY PASERVATIONS

	MAGNETIC RUNWAY HEADING: 050-230
TAME: RICKENBACKER ANGB OH	PERIOD OF RECORD: MAR 78 - FEB 38

ECOKON	MAME: RI ID: + 5	CKENBA	CKER A	NG8 OH				ERIOD ONTH:		RD: MAR T	78 - FE	8 38	
, + SPES	: 6 A2C					(HOURLY THIN THE	-		<pre><pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><p< th=""><th>SPEC[ALS)</th><th></th><th></th><th></th></p<></pre></pre></pre>	SPEC[ALS)			
			13 (00 - 05	ე ი	• • • • • • • •	050	no - c) ³ 00	•••••	090	00 - 11:	00
15 S	an S	GE15	üE25	GE35	280	GE15	GE25	GE35	5 UBS	GE15	GE25	6835	095
43	- 49	1.1			949	• 2			849	. 3			849
140	+35	2.5			215	2.1	. 1		943	5.2			953
1		• • • • • •	150	00 - 17	cn	• • • • • • • •	190	oo - 2	2000	• • • • • • • • •	210	0 - 230	00
143	115	GE15	GE25	G£35	นิสริ	GE15	3525	GE 35	785	GE15	GE 25	GE 3 5	038
147	549	3.3			847	1.4			847	1.3			946
127 	145	5.7	• 3		932	4.1	. 7		920	3.8	•5		929
•••••		• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • • • •	• • • • • •	· • • • • •	•••••		• • • • • •	• • • • • • •	• • • • •
15	1	0500	- 2000)			ŧ	LL	HOURS				
)	9515	3525	9835	78:	S	S	E 15 (SE25	GE35	335			
:+ 7	1.5			424	3		1.5			6737			

3 - 2 - 2

4599

١

OPERATING LOCATION MAN USAFETAC, ASHEVILLE NO

CATES DAY 1

P MALDETAS

1 8

ŧ

ŧ,

ŧ

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSINOS SECTIONS OF CROSSING PROPERTY.

MAGNETIC

STATION NUMBER: 724295	STATION NAME: RICKENBACKER ANGB OH LST TO UTC: + 5	PERIOD C MONTH: M
		, 3

			CAT	EGURY A:	ANY CE	ILING	JR VIS	ISILITY	(HJURLY	Jas Ji	LY)
••••			CAT	EGORY 8:	HIGHES	T WIND	S REPU	RTED WI	тигч тив	HOUR	(หอบถน
TIME (LST)		ກາວ	0 - 02	99		ე3ე	g - 9 51	იი	•••••	250)) – ja
SPEED (KTS)	GE15	GE25	GE 35	บธร	GE15	GE 25	G£35	บชร	GE15	GE25	GE35
CATEGORY A	1.4			930	1.4	• 1		930	2.0		
CATEGORY 9	3.3	• 1		952	3.4	. 7	• 1	970	4.3	. 7	
•••••			• • • • • •	• • • • • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • • • •		• • • • •
TIME (LST)		120	0 - 14	00		150	0 - 17	00		130	00 - 20
	5615			00 358	SE15	150 GE25	_	00 Pas	GE15		
SPEAD (KTS)					SE15 3.9		_	•	GE15 2•3		
SPEAD (KT3)		6925 •1		758	3.9		_	ात इ			
SPEAD (KTS) CATEGORY 4	3.3	6925 •1	GE35	35S 930	3.9	GE25	_	ⁿ es	2.3	3325	
SPEAD (KTS) CATEGORY 4	3.3	6925 •1	GE35	35S 930	3.9 3.5	GE25	0.35	ⁿ es	2.3	JE25	

2.5

5.2

• 0

•5 •0

5 - 2 - 3

4550

4239

2.2

5.2

• 0

• 5

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY DRSEPVATIONS

2 mind			1 70 1 11	70327	3 1 3 1,		М	AGNETI	IC RUNWA	Y HEADING	050-2	30	
RECO	N NAME: RIG	CKENBAC	KER AN				M	ONTH:	MAR	RD: MAR	78 - FE	в 88	
,	E S RY A:	ANY CE	ILING			(HJURLY							
S + 3	T.60RY 3:	HIGHES	DNIK T	S REPU	RTED WI	THIN THE	HOUR	(HOU	RLIES +	SPECIALS)	· • • • • • •		• • • • •
			030	0 - 05	20		26	00 - ()a)0		090	0 - 11	00
358	13\$	GE15	GE 25	Gé 35	บหร	GE15	GE 25	GE35	5 088	GE15	GE 25	SE35	08.5
730	937	1.4	• 1		930	2.0			930	1.6			930
343	1952	3.4	. 7	• 1	970	4.9	. 7		943	5.3	• 4		957
	h	• • • • • •	150	n - 179) o	•••••	18	00 - 2	2000	• • • • • • • •	210	00 - 23	oo
` \$	11/5	SE15	GE 25	0E 3 5	085	GE 15	JE 2 5	G E 3 :	5 38S	3515	GE 25	3535	aec
30	730	3.9			930	2.3			930	1.8			930
154	3 50	3.6	• 9		955	3.0	. 4		964	4.2	• 2		9 7 8
• • • •		• • • • • • •	•••••		• • • • • • •		• • • • •	• • • • •	• • • • • • • •	• • • • • • • • •	• • • • • •	•••••	• • • • •
S 1		0500	- 2000)				ALL	HOUR'S				
	\$ E 15	GE25	GE 35	Дa	5	G	E15	GE25	GE 35	085			
	2.5	.0		455)		2.2	• 0		7440			
i	5.2	• 6	• 0	493	3		5.2	• 5	• 9	7757			

5 - 2 - 3

I

OPERATING LOCATION "A" USAFFTAC, ASHEVILLY NO

CATEGRAY 4

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSINDS FROM HOURLY DBSERVATIONS

MAGNETIC RUN

STATION NUMBER: 724235 STATION NAME: RICKENBACKER ANGBOH PERIOD OF RELIST TO UTC: + 5

• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • •		• • • • •	•••••	• • • • • •	• • • • • • • •	• • • • •	• • • • • •	• • • •
			CATE	SGORY A:	AMY CE	ILING	OP VISI	GILITY	(HOURLY	D35 34	LY)	
			CAFE	EGORY 3:	HIGHES	CMIN T	S REPOR	TED WI'	THIN THE	นอบส	(HOURL	IES
••••••••••	• • • • • •	• • • • • •		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		•••••						
TIME (LST)		3007	020	17		733)) - 950	′)		950	i o - 03/	ენ
SPEED (KTS)	3 E 1 5	05 25	GE35	088	GE15	GE 25	GE35	J3\$	GE 15	GE 25	GE35	Jā
CATEGURY A	1.5			900	1.5	• 2		900	1.8			90
CATEGORY 3	2 , 4	. 5	• 1	+41	3.2	1.0	. 1	343	3.1	• 5		76
•••••		• • • • • •		• • • • • • • • •		• • • • • •		• • • • • •	• • • • • • • •			• • • •
TIME (LST)		120	00 - 140	ว ว		150	00 - 170	'n		150	00 - 200	00
SPEND (KTS)	3515	9 <u>02</u> 5	3£35	.135	5£15	3F25	5F35	185	3°15	GE25	GE35	33
CATEGURY A	4.7	• 1		399	5.9			900	3.3			90
CATERDAY P	11.9	1 • 2		230	12.2	1.1)47	6.a	1.0		75
• • • • • • • • • • • • • • • • • • • •		• • • • • •		•••••				• • • • • •	• • • • • • • •			
•••••	• • • • • •	• • • • • •	• • • • • •	* * * * * * * * * *		• • • • • •		• • • • • •	• • • • • • • •	• • • • •	• • • • • •	• • • •
TIME (ESI)					0500	- 2000	j			4	ALL H	เมียริ
SPEED KTS				3815	GE25	GE35	Jas	ı	ç	€15 3	SE 25 SE	£ 35
CATESBRY												,

3.3 .9

9 - 2 - 4

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY DBSERVATIONS

HEA

7500

3.3

• 9

MAGNETIC RUNHAY HEADING: 050-230

NAME: RI	CKENBAC	KER AN	IGB OH				RIOD NTH:		RD: MAR 7	'8 - FE	8 38	
I P ANC:		_		-	(HBURLY B			LIES +	SPECIALS)			
,		030	o) - 950	00		050	o - o	300		090	0 - 11	3 0
13.5	GE15	GE25	GE 35	បានន	GE15	GE25	GE35	JBS	GE15	GE 25	GE35	085
ווי	1.5	• 2		900	1.9			900	3.9			900
+41	3.2	1.0	. 1	940	3.1	• 5		957	7.7	• A		951
	• • • • • •	150	0 - 170	00	• • • • • • • • •	180	· · · · · · · · · · · · · · · · · · ·	000	• • • • • • • •	210	0 - 23))
1 × 3	GE 15	GF 25	GE 35	365	GF15	SE25	G 235	035	GE15	GE 25	GE35	JBS
4.39	5.9			000	3.3			900	1.6			900
133	12.2	1.1		947	5.9	1.0		954	3.5	1.0		932
	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • •	• • • • •	• • • • •	• • • • • • •	• • • • • • • • • •	• • • • • •	• • • • • •	• • • • •
· - {	0500	- 2003				Δ	LL	40U?\$				
•	GE 25	GE 35	: BL	5	GE	15 6	E 25	GE 35	09.5			
3.9	.0		449)	3	٠)	٠٥		7199			

4739

• 0

5.4

•)

OPERATING LOCATION "44" USAFFTAC, ASHEVILLE NO

CATEGORY "

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

OSAFETAL, ASTUV	166 4	٠				TROPE N	HUNLI	37 35 K V A 1	1 7 4 3	44	GNETIC	RUNW
STATION NUMBER:		L	ST TO	NAME: RI UTC: + 5						MC	RIOD O	1A Y
				EGURY A:								
				EGURY 3:			-			- •		
TIME (LST)	• • • • •		0 - 02	0.3	•••••		 ე — ენრ		•••••)) -)4	
	J£15	0525	-		GE15	GE 25	GE 35	ues	6£15	GE25	GE 3 5	085
CATEGRAY A				930	• 1			939	. 1			73 0
CATERORY R	. 4			981 (• 5	• 1		774	. 7	. 1		1003
TIME (LST)	• • • • •	120) - 14	 oo	• • • • • •	150	0 - 17		••••••	130	00 - 20	og
SPEED (KTS)	3-15	6£25	<u> 6835</u>	JdS	GE15	GE 25	G±35	985	3515	GE25	GE 35)°3
CATOGORY A	. 3			930	1 • 2			930	٠.2			939
CATCORRY	3.7			963	3.9	. 3		971	1.3			qça
									• • • • • • • •			• • • • •
TIME (LST)					0600	- 2000				£	ill H	111125
SPEED *TS				Gt 15	GE 25	G E 35	18:	5	G	r15 9	SE25 0	F35
CATEGREY A				.4			455)		. 3		

η **-** 2 - 5

2.1 .1 4460 1.5 .1 .0

- 1

•

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

HEAD

MAGNETIC RUNNAY HEADING: 050-230): PERIOD OF RECORD: MAR 78 - FE8 98 MONTH: MAY TATION NAME: RICKENBACKER ANGS OH ST TO UTC: + 5 CATEGORY A: AMY CEILING OR VISIBILITY (HOURLY OBS ONLY) PECIAL CATEGORY 3: HIGHEST WINDS REPORTED WITHIN THE HOUR (REPORTED + SPECIALS) 1307 - 0500 - 0200 0500 - 0900 0900 - 1100 GE15 GE25 GE35 UBS GE15 GE25 GE35 DBS GE15 GE25 GE35 08\$ -355 930 •1 930 930 930 . 1 • 2 994 . 7 1003 1.5 970 1500 - 1700 1300 - 2000 2100 - 2300 of Jas GE15 GE25 GE35 MBS GE15 GE25 GE35 GPS GE15 GE25 GE35 DB\$ 930 ٠2 930 430 1.2 930 . 1 453 753 3.9 .3 971 1.3 959 ALL HAUPS 0600 - 2000 Gc15 GE25 GE35 988 G£15 G£25 G£35 08\$ 4650 . 3 7440 • 1 2.1 4950 7793 1.5 .1 .0

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

CATEGORY 3

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RU

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF R LST TO UTC: + 5 NUL :HTNOM

•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • •	• • • • •	• • • • • •	• • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • •	• • • •
			CAT	FGDRY A:	ANY CE	TEING	OR VIS	19ILITY	(4)UPLY	DRS ON	LY)	
			CAT	FGORY 8:	HIGHES	CHIN T	s REPO	TIW CETS	HIN THE	HOUR	(HOURI	_IES
••••••	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • •		•••••	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • •	• • • •
TIME (EST)		220	00 - 020	00		030	0 - 05:	00		050	(C - 0)	300
SPEED (KTS)	GE15	GE 25	GE35	388	GE15	GE25	GE 35	2 e C	GE15	GE25	GE35	J
CATEGORY A				900	.1			900	. 1			9
CATEGORY R	• 4	. 1		945	. 4	• 1		951	. 1			а
•••••			• • • • • •						• • • • • • •		• • • • •	
TIME (EST)		120	J - 140	00		150	0 - 17	00		130	o - 20	000
SPEED (KTS)	5815	GE 25	3835	038	GE 15	6025	GF35	345	GE 15	GE 25	GE35	•
CATEGORY A	. 9			900	• 9			900	• 3			Э
CATEGORY 3	2 • 4	• 1		949	3.0	٠2	• 1	943	1.1	• 3		3
CATEGORY 3	2.4	.1		949	3.0		.1	943	1.1	.3	• • • • •	7
CATEGURY 3	2.4	.1	* * * * * * * *	949	3.0		.1	943	1.1	.3	• • • • • •	3
CATEGURY 3	2.4		* * * * * * * *	949		.2 	• • • • • •	943	1.1	• • • • • •	LL F	17U2
•••••	2.4	.1	*****	• • • • • • • • • •		- 2000	• • • • • •		••••••	• • • • • •		7 4007 5635

1.6 .1 .0 4749

9-2-5

1

1.2 .1 .0

PERCENTAGE PREQUENCY OF OCCURRENCE OF CROSSAINOS FROM HOURLY OBSERVATIONS

Y HE4				i Kajin in	IOONET C	1936VA	W11343	·4 A	GNETI	C RUNWA	Y HEADING:	050-2	230	
ن ده	10 (NAME: RIC UTC: + 5	CKENBAC	KER AN	198 OH			40	NTH:	JUN	RD: MAP T	78 - FE	8 88	
,		GDRY A:	ANY CE	TLING	OR VISI	BILIT	Y (אקטפנץ							
SPECI	CAT	FGORY 8:	HIGHES	GNIW T	S REPOR	K CBT.	ITHIN THE	HOUR	HOUR)	LIES +	SPECIALS)		• • • • • •	• • • • •
	- 12	כני		030	00 - 050	0		250	oc - c	000		090	00 - 110	00
	÷35	285	G£15	SE25	GE 35	OBS	GE15	GE25	GE35	3 085	GE15	GE25	GE 35	OBS
		900	• 1			900	• 1			900	.4			900
		945	• 4	• 1		951	. 1			979	1.3			954
	- 14	• • • • • • • • • • • • • • • • • • •	• • • • • •	150	 99 - 170	٠٠٠٠٠ ن	• • • • • • • •	130	00 - 2	000	• • • • • • • • •	210	00 - 230	00
	, ,,	138	6515	GE 25	3F35	J35	GE 15	GE 25	GE 35	Jes	SE15	GE 25	GE35	ยคร
		7 33	• 9			900	• 3			900	• 2			900
ļ		949	3.0	. 2	• 1	943	1.1	. 3		933	• 9	. 1	. 1	934
• • • • •		• • • • • • • • • •								• • • • • • •	• • • • • • • • •	• • • • • •		• • • • •
]		0600	- 2000)			۵	LL	HJUPS				
		3815	GF 25	GE35	2 B C		G	E 1 5 9	E25	GE 35	035			
777		• 5			4500			. 4			7200			
7 547	1	1.5	• 1	.0	4749	ı		1.2	• 1	•0	7589			

CATEGORY 3

OPERATING LOCATION MAM PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS USAFETAC, ASHEVILLE NO FROM HOURLY DESERVATIONS

		_					_			ДΝ	GNETI	CKU
STATION NUMBER:		L	ST T2	UTC: + 5						MO	RIOD NTH:	JUL
	•••••	•••••		EGURY A:								••••
				EGDRY 8:								
TIME (LST)		200	0 - 02	O:)		030	0 - 050	00		050	0 - 0	800
SPEED (KTS)	3515	GE 25	GE 35	Oas	GF15	GE25	GE35	98 S	3E15	GE25	GE 35	a a
CATEGORY A				930				930				9
JATEGORY 3				970	.1			1705				10
• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • •		• • • • • •	• • • • • •	• • • • • • •	• • • • • • • •		• • • • •	••••
TIME (EST)		120	i - 14	0 0		150	0 - 17	00		130	oc - 2	000
SPEED (KTS)	5515	GE 25	GE35	138	GE15	GE 25	GE 3 5	00\$	GE15	G£25	GE 35	. J
CATEGURY A	• 4			930	• 2			930				9
CATEGURY 6	• 3			963	1.6	• 1		964				9
		•										
TIME (LST)					0600	- 2000				Δ	LL	нийа
11 11 14 14												
SPEED KTS				GE15	6825	GE 35	33	S	G	C15 0	F 25	9E35

•6 •0 4832

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY DASERVATIONS

NY HEA

SPECI

7-17

RD:

MAGNETIC RUNWAY HEADING: 050-230

NAME: RICKENBACKER ANGBOUT TO: + 5 PERIOD OF RECORD: MAR 78 - FEB 88 MONTH: JUL

FRY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

FIRY 3: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

1100	0 - 11	090		00	0 ~ 030	050		00	0300 - 0500 GE15 GE25 GE35 DBS						
35 08\$	GE 35	GE 25	GE15	098	GE35	GE25	GE15	98 S	0E35	GE25	GE 15	135			
930			. 1	930				930				7 30			
976		• 1	• 5	1039				1005			• 1	771			
2300	0 - 23	210	• • • • • • •)0	 o - 290	130	•••••	00	o - 173	150	• • • • • •	• • • • • • • • • • • • • • • • • • •			
35 OBS	9835	GE 25	GE15	338	GE35	û€ 2 5	GE15	کا نالی ا	GE 35	3 525	GE 15	135			
930				930				930			• 4	130			
		• 1	. 5	950				964		. 1	1 .	j +, j			

нийь 2 ALL -615 SE25 SE45 735 GE15 GE25 GE35 035 4 " 5" 7440 • l 49.17 .0 • 0 7839

DPERATING LOCATION "A"

CATEGIRY A

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS

- ---- - ----- .

. 1

USAFETAC, ASHE				PERCENT	AGE HRE			CURRENC Orserva	E OF CROS Tions	GMIND	S
·		-				, ,				м	AGNETIC
STATION NUMBER		i	ST TO	NAME: RI UTC: + 5						4	ERIOD : ONTH: /
				EGORY A:							
• • • • • • • • • • • • • • • •				EGORY B:							(HOURL
TIME (LST)			oo - oe				00 - 05				co - 0:
SPEED (KTS)	6515	GE25	GE 35	ZBC	GE15	GE 25	GE 35	OBS	GE15	GE 25	GE 35
CATEGORY A	• 1			930				935	•1		
CATEGORY 3	• 2			954				773	- 1		
	• • • • • •	• • • • • •	• • • • • •	• • • • • • • •		• • • • •	• • • • • •	• • • • • • •	• • • • • • • •		• • • • • •
TIME (EST)		120	0 - 14	99		150) - 17	go		13	oc - ac
SPEED (KTS)	JE15	5 <u>925</u>	3€35	345	9515	GC25	5835	35.5	0515	6 <u>52</u> 5	0635
CATEGORY A	. 1			729	٠«	• 1		930			
CATEGORY R	1.4	. 3		967	2.0	. 4	. 1	955	. 3		
	• • • • • • •			• • • • • • • • •			• • • • • •	• • • • • • •	• • • • • • • • •		• • • • • •
TIME (EST)					2502	- 2000					ALL '
SPEED KTS				6915	GE25	SE35	79	S	3	.15	GE 25 '
CATEGORY A				• 2	•)		454	,		• 1	•)

.8 .1 .0 4825

TECORD:

PERCENTAGE PREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY DESERVATIONS

MAGNETIC RUNHAY HEADING: 050-230

TION NAME: RICKENBACKER ANGROUND PERIOD OF RECORD: MAR 78 - FEB 88

TO UTG: + 5

MONTH: AUG

- 42	· • • • • • • • • • • • • • • • • • • •		030	0 - 05)a	• • • • • • •	060	· · · · · · · · · · · · · · · · · · ·	00	• • • • • • • • •	040	0 ~ 11	00
35	188	GE15	GE 25	GE35	กลร	GE15	GE 25	GE35	U3 S	GE15	GE25	GE 35	08
	930				930	• 1			930	• 1			93
	254				273	. 1			992	• 1			96
- 14))		150) - 17	00		130	0 - 20	20		210	0 - 23):)
•													
3.5	د ۰۰۰	9F15		3E30	.58 S	GE 15	6525	0000	วธร	GE15	GE25	3623	ОВ
	929	• 5	• 1		930				930	. 1			93
	₹57	2.0		. 1	955	. 3			744	. 4	• 3		94

9 - 2 - 9

4549

4820

•0

l

• 1

• 0

7439

OPERATING LOCATION MAM-USAFFTAC, ASHEVILLE NO

1

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSINOS FROM HOURLY CASEPVATIONS

MAGNETIC

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH LST TO UTC: + 5 PERIOD OF MONTH: S

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY DAS ONLY)

CATEGORY 3: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURL 0600 - 02 TIME (LST) 0000 - 0200 0300 - 0500 GE15 GE25 GE35 GE15 GE25 GE35 09S SPEED (KTS) GE15 GE25 GE35 GBS 300 CATEGORY & • 2 900 • 2 . 1 CATEGORY D 342 . 3 950 . 5 . 5 . 1 • 1 1200 - 1400 1900 - 20 1500 - 1700 TIME (LST) SPEED (KTS) GE13 4025 GE35 3:5 GE15 GE25 GE35 GBS GE15 GE25 GE35 900 • 2 900 CATEGORY A • 2 . 1 . 9 932 CATEGORY 3 1.3 951 1.4 • 2 ALL H TIME (LST) 0500 - 2000 SPEED KTS GE15 GE25 GE35 283 GE15 GE25 G1 . 2 450J CATEGORY A • 2 CATEGORY 8 4803 1.0 • 1 . 1

5 - 2 - 9

. .

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY CRSERVATIONS

H YERNL							Δħ	GNET	LC RUNWA	Y HEADING:	050-2	30	
RECOROS	. NAME: RI JTC: + 5	CKENBAC	KER AN	GR DH				RIOD NTH:		RO: MAR 7	'3 - FE	88 8	
S + Seco	E CORY A: ETGORY 3:					(H]URLY			21 1 F S +	SPECIALS)			
<i>y</i>		******	• • • • • •	0 - 050	•••••		• • • • •	· · · · · ·	• • • • • • •	********	090	00 - 110	00
2PC	lnS	GE 15	GE 25	GE 35	032	GE15	GE25	GE 35	5 398	GE15	GE25	GE 35	08 \$
300	199	• 2			300	.1			900	• 3			900
71 r	343	. 3	•1		95 o	• 5			1914	1.2			968
	4 ^m 9	•••••	150	0 - 170	ტ	• • • • • • • •	190	n - 2	2000	• • • • • • • •	210	00 - 23	00
135	1+5	3615	6325	6£35	635	GE15	GE25	GE 35	5 335	6215	GE 25	GE35	888
300	<i>‡</i>))	• 2			900	• 1			900	• 1			900
731	ান1	1.4	• 2		938	. 9	•1		933	•1			922
is.	,	0400	- 2000		• • • • • •	• • • • • • •	Α	LL	HDURS	• • • • • • • • •	•••••	•••••	••••
ŋ	3E15	35.55	GE 35	29.3		S	E15 G	E25	G535	าหร			
72.,	2			450.	•		. 2			7200			

4803

1.0

. 1

• 5

. 1

762ª

OPERATING LOCATION WAW USAFETAC, ASHEVILLE NO

CATESTRY R

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

CATEGURY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

MAGNETIC RUNWAY

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD MONTH: OCT

••••••		••••	CATE	EGURY B:	HIGHES	T WIND	/S REPO	RTED WIT	HIN THE	HOUR	(HOURL	.IES +	Şρ
TIME (LST)		ეიე	00 - 020	റാ		030	00 - 051	^0		050	oo - o s	100	
SPEED (KTS)	GE15	GE25	GE35	Эв'S	GE 15	GE 25	6835	280	GE15	GE25	GE 35	385	
CATESORY A	. 1			930	.1			931	. 3			930	
CATEGORY A	.3			352	. 3			97 9	• 5			997	
•••••	• • • • • •	• • • • • •	•••••	••••••	• • • • • •	•••••	• • • • • •	• • • • • • •		••••	· • • • • •		
TIME (LST)		120	00 - 140	o ာ		150	00 - 170	ao		140	00 - 20	100	
SPICO (KTS)	5#15	6525	GE 35	35 S	GE15	6225	GF 35	ា១\$	GE15	GE 25	GE35	245	
CATEGURY A	.3			930	1.1			930	. 3			930	
CATEGORY 3	7.5	• 1		972	3.6	. 3		950	1.1	•1		965	
•••••			• • • • • •	• • • • • • • • •		• • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	· • • • • •		•••
		• • • • •	• • • • • •) • • • • • • • • • •) • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • •	• • • • • •	• • • • • •	• •
TIME (LST)					0600	- 2000				۵	ALL H	HOURS	
SPEED KTS				GE 1 5	GE 25	SE351	ე შ	5	G	E 1 5 0	GE 25 G	€35	
CATEGORY 4				. 7			4650	o		• 5			7

2.0 .1

4370

. 1

FROM HOURLY DESCRIPTIONS

ì

2.0

. 1

MAGNETIC RUNWAY HEADING: 050-230

ž

ME: RIC	KENBAC	KER AN	G8 OH			MC	INTH:	OCT	RO: MAR 1	78 - FE	8 88	• • • •
₹ 7 7:	ANY CE	ILING	OR VISI	BILITY	Y JAUCH)	08 \$ 08	iLY)					
RY 3:	HIGHES	T WIND	S REPOR	IN GBT.	THIN THE	HOUR	(HOUR	LIES +	SPECIALS)		• • • • • •	• • • • •
		030	0 - 050	0		050	00 - 0	1300		090	0 - 11	00
'3 S	GE 15	GE 25	6835	095	GE15	GE25	GE 35	Эв s	GE15	GE 25	GE35	OBS
30	• 1			930	. 3			930	. 9			930
4.2	. 3			272	• 5			997	2.3			977
	•••••	•••••	• • • • • •	• • • • • •	• • • • • • • •		••••	•••••	• • • • • • • • •	• • • • • •	• • • • • •	• • • • •
		150	0 - 170	ŋ		140	00 - 2	1000		210	0 - 230	30
15	GE15	6225	GF 35	១១៩	GE15	GE25	GE35	Jas	GE15	GE25	GE 3 5	D8 S
33	1.1			930	.3			930	• 2			930
72	3.6	. 3		959	1.1	• 1		965	1.1	• 1		954
		• • • • • •	• • • • • • • • • • • • • • • • • • •							• • • • • •	• • • • • •	
	0600	- 2000				Δ	LL	HOURS				
SF 15	GE 25	SE35	298		G	E 1 5 G	E25	GE 35	035			
. 7			4650			• 5			7440			

1.5

s - 2 = 10

4370

. 1

DPERATING LOCATION *A* - --- PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS USAFFTAG, ASHEVILLE NO PERCENTAGE FROM HOURLY OBSERVATIONS MAGNETIC RUNHAY HE PERIOD OF RECORD: STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH VON HTRUM LST TO UTC: + 5 CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY) CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPEC 0300 - 0500 0600 - 0800 0000 - 0200 TIME (LST) GE15 GE25 GE35 088 GE15 GE25 GE35 UBS GE15 GE25 GE35 SPEED (KTS) 900 COP . 8 900 CATEGORY A 1.2 984 CATEGORY 3 2.3 751 2.1 945 1.5 TIME (LST) 1500 - 1700 1800 - 2000 1200 - 1400 GE15 GE25 GE35 3815 9825 6835 **385** GE15 GE25 GE35 98S SPEED (KTS) 900 900 . 3 CATEGORY 4 1.0

. 5

G815 GE25 GE35

• 2

• 7

3.3

0600 - 2000

• 0

CATEGORY 9

TIME (LST)

SPEED KTS

CATEGORY A

CATEGORY 8

១១៩ 4500

4823

2.7

HOURS

വദ

720

GE15 GE25 GE35

PERCEN				CURRENCE TRSERVAT	TONE CROS	SWINDS						
		r Nuin i	IJOKLI	183C VA	1.743	МА	GNETIC	RUNWAY	HEADING:	050-2	30	
HAME: R	ICKENBAC	KER AN	IGB DH	•••••			RIOD (OF RECORD	MAR 7	8 - FE	8 88	••••
		•			(HOURLY	_	-	.IES + SP	ECIALS)		••••	
)		030)) - 05	00		060	0 - 05	200		090	0 - 11	00
)BS	GE15	6527	GE 35	08\$	GE15	G525	GE35	385	GE15	GE 25	GE35	088
,70	1.2			COF	• 8			900	1.0			900
33 1	2.1	•1		946	1.5			988	3.5	• 5	• 1	954
	•••••	150	00 - 17	00		180	n - 20)))	•••••	210	0 - 23	00
. +3	GE15	GE 25	GŁ 35	08.5	GE15	GE 25	GE 35	CAS	GE15	GE 25	GE35	OB S
100	• 5			900	. 3			900	• 9			900
155	3.8	• 1		968	2.7	, 3		947	3.9			947
• • • • • •	0500	- 2000)	• • • • • • •	•••••	Α	LL +	สภยคร		•••••	•••••	

6 - 2 - 11 -

กรร

4500

4323

GE15 GE25 GE35

3.1 .2 .0

. 9

09.5

7200

7667

3515 GE25 GE35

•2 •0

. 7

OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO

CATEGORY 9

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY DBSERVATIONS

MAGNETIC RUNWAY H

STATION NUMBER: 724285 PERIOD OF RECORD: STATION NAME: RICKENBACKER ANGB OH MONTH: DEC LST TO UTC: + 5 CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY DBS DNLY) CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPE 0600 - 0300 0000 - 0200 0300 - 0500 TIME (LST) GE15 GE25 GE35 GE15 GE25 GE35 GBS GE15 GE25 GE35 280 SPEED (KTS) 1.5 930 930 . 3 930 CATEGORY A . 9 1003 987 CATEGORY 3 3.5 977 3.9 4.2 • 1 1300 - 2000 1500 - 1700 1200 - 1400 TIME (LST) GE15 GE25 GE35 M3\$ GE15 GE25 GE35 JBS SPEED (KTS) 3E15 GE25 GE35 UBS 930 1.5 930 1.7 930 CATEGORY A 1.3 CATEGIRY P 1016 4.8 . 3 1002 . 3 981 TIME (LST) 0600 - 2000 HTURS ٦, SE15 GE25 GE35 SPEED KTS "GE15 GE25 GE35 78*S* 741 CATEGORY A 4650 1.4 79 5032 4.1 .2

4.1

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

.4ME: RIC TC: + 5	KENBAC	KER AN	GB DH	1	• • • • • • •		NTH:	DEC	RD: MAR 7	'8 - FE	88 88	
)⊰Y ∆ :	ANY CE	ILING	DR VIS	IBILITY	(HOURLY	DBS DN	LY)					
ાર Y ઉ :	HIGHES	GMIN T	S REPO	RTED WIT	HIN THE	HOUR	(HOUR	RLIES + S	SPECIALS)			
		030	o - os	00		060	0 - 0	900		090	00 - 11	00
Jd S	GE15	GE 25	GE 35	088	GE15	GE 25	GE35	088	GE15	GE25	GE35	088
130	. 9			930	. 8			930	1.2			930
777	3.9			987	4.2	•1		1009	3.1			1025
	•••••	150	o - 17	••••••• 00		180	o - a	2000	• • • • • • • •	210	00 - 23	00
.) S	GE15	GE 25	GE35	03\$	GE15	GE25	GE35	280	GE15	GE 25	GE35	aas
<i>}</i> 30	1.5			930	1.7			930	2•2			930
)16	4.8	• 3		1002	4.3	• 3		981	4.5	• 3		974
· • • • • • • • • • • • • • • • • • • •			• • • • • •		• • • • • • • •			• • • • • • •				• • • • •
	0600	- 2000				Δ	LL	HOURS				
SE15	6525	GE35	28	\$	s	E15 G	F25	GE 35	088			
1.4			465	0		1.4			7440			

4.1

. 2

7970

5032

4.1

--- OPERATING LOCATION "A" USAFETAC. ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HE!

STATION NUMBER: 724235

CATEGORY 9

STATION NAME: RICKENBACKER ANGS OH

PERIOD OF RECORD: MONTH: ALL

2.9

92731

LST TO UTC: + 5

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

			CAT	TEGORY 3:	HIGHES	ONIK T	S REPORT	HTIW GE	ITA THE	HOUR	(400	RLIES +	SPEC
• • • • • • • • • • • • • • • • • • • •	•••••	• • • • •	• • • • •	• • • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • •	••••	• • • • • •	• • • • •
TIME (LST)		300	on - o	200		030	o - 0500)		06	00 -	0900	
SPEED (KTS)	GE15	GE 25	GE 35	280	GE15	GE 25	GE35	ខេនប	GE15	GE 25	GE3	5 OBS	;
CATEGORY A	. 7	•)		10959	.7	• 0	10	959	• 5			10959)
CATEGURY 9	1.3	. 2	• 0	11479	1.9	• 2	•0 11	.607	1.3	• 2		11709	•
• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • •		• • • • • • • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • •	• • • • •	• • • • • •	• • • • •
TIME (LST)		120	00 - 14	•00	_	150	o - 1 700)		13	00 -	2000	
SPEED (KTS)	3515	GE25	GE 35	280	6515	GE25	GE35	กรร	3E15	GE25	GE3	5 099	;
CATEGORY 4	1.5	• 0		10957	1.8	• 0	10	1959	1.0			10957	,
CATEGORY 8	4.2	. 3	• 0	11587	4.7	• 4	.0 11	.576	2.8	• 3		11440)
• • • • • • • • • • • • • • • • • • • •				· · · · · · · · · · · · · · · · · · ·							• • • • •		
TIME (LST)					0600	- 2000					ALL	HOURS	
SPEED KTS				GE15	GE25	GE35	08.2		G	€15	GE 25	GE 35	083
CATEGORY A				1.2	. Э		54791			1.0	.0		s766 ¹

3.3

.0 59193

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

3.3

• 3

.0

MAGNETIC RUNWAY HEADING: 050-230

N NAME: R	ICKENBAC	KER AN	IGB OH	"		M	ONTH:	ALL	ORD: MAR	78 ~ FE	8 88	
T-GURY A:	ANY CE	ILING	DK AI2									
regory 3:	HIGHES	ONIW T	S REPO	RTED WI	THIN THE	HOUR	(HOUF	RLIES +	SPECIALS)		••••	
n n)		030	o = 05	00	-	06	00 - 0	0800		090	0 - 11	100
Ja\$	GE15	GE 25	GE35	085	GE15	GE 25	GE35	28C	GE15	GE25	GE35	OBS
10959	.7	•0		10959	• 5			10959	1.0			10959
11479	1.9	• 2	• 2	11507	1.8	• 2		11909	3.1	• 2	.0	11691
· · · · · · · · · · · · · · · · · · ·	• • • • • • •	150	0 - 17	00	• • • • • • • •	13	00 - 2	• • • • • • • • • • • • • • • • • • •	• • • • • • • • •	210	0 - 23	300
	GE15	GE25	GE35	อยร	GE15				GE15	GE 25	SE35	085
10957	1.8	.0		10959	1.0			10957	.8			10956
11537	4.7	• 4	0	11576	2.8	• 3		11440	2.4	• 2	•0	11457
				• • • • • •	· · · · · · · · · · ·					• • • • • •		• • • • • •
	0600	- 2000			-		ALL	HOURS				
SE15	5 SE25	GE35	ប្រទ	-s	G	£15	GE25	GE 35	Ø8S			
1	.0		5479	1		1.0	• 0		37665			

2.9

. 2

• 0

58193

рроррорр	AAA	AAA	RRRR	RRRR	TTTTTTTTT	HH	нн	
 - bbbbs	oppp	4444	AAAA	RRRR	RRRRR	** ***********************************	HH	нч
PP	90	AA	AA	₹₽	ЯQ	TT	нн	нн
ρp	pp	AA	AΔ	. .	२ २	TT	нн	нн
	abababab abababab ababababa ababababab		AA AA A	•	RRRRR	TT	тинни Тиннин	
Pρ					AAAA	RR	RR	TT
op		AA	**************************************	** ** ***	RR		нн	HH
PP		AA	AA	RR	<i>RR</i>	77	нн	нн
PP		AA	AΔ	9.6	RR	TT	НН	нн
 						era e e e e e e e e e e e e e e e e e e	• • • • • • • •	

and the second of the second o

and the control of th

the two sections

The state of the s

and managed and speed to the contract of the c

and the second s

and the second of the second o

H - 1 - 1

PAPT H

DEGREE DAY SUMMARIES

DESRFE DAYS.

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF PICORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YFAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AND USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS. NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN OPPOSSED.

ASTERISKS (****) DENOTE A MISSING MUNTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED AUTOMATICALLY.

- HEATING DEGREE DAYS.

 THE MEATING DEGREE DAYM IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED. MBASE TEMPERATUREW OF 55 DEGREES* FARRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.
- CONLING DEGREE DAYS.

 BYE MCCOULING DEGREE DAYM IS ASSIGNED TO PEPRESENT FACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED MBASE TEMPERATUREM OF 65 DEGREES*
 FAHRENHEIT. FOR EXAMPLE. IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES. THAT DAY IS SAID TO HAVE B COOLING DEGREE DAYS.
- #55 DESVEES FARKENHEIT HAS BEEN SELECTED AS THE NATIONALD STANDARD "MASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO GRATING OF COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

OPERATING LOCATION "A" USAFFTAC, ASHEVILLE NO

HEATING DEGREE DAYS FRUM HOURLY ORSERVATIONS

BASE TEMPERATU

STATION NO	JMBER: 7243		AF ROLTAT		ENBACKER	ANGB OH			PER:	100 OF REC
YEARS	i i i i i i i i i i i i i i i i i i i	हिन्	M ∑ 5	4pp	YAY	104	JUL	AUG	SEP	аст
1947	• • • • • • • • • •	• • • • • • •	••••••	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	27	131	248
1943	1027	389	321	530	117	3	1	2	113	343
1944	960	854	324	406	47	10	•	3	49	302
1945	1231	# 90	393	299	217	54	4	2	23	338
1745	1211	545	17	377	148	21		27	33	202
1947	394	1133	944	383	211	29	7		115	- - 3 5
1948	1349	268	545	295	161	- 5	•	2	50	412
1949	347	777	719	457	120	7		2	95	•
1951		130	714	457	112	ą		5	43	273
1952	335	439	741	373	136	1			59	471
1953	496	375	564	441	55	4		5 2 2	5.7	230
195+	782	454	311	254	250	22		2	30	329
1055	<u> 1</u> 0 1 4	= 7 3	707	244	94	3.5			2)	325
1956	1150	837	773	485	179	41		10	107	139
1957	1135	782	745	372	125	3			55	439
1759	1113	1115	327	367	138	2.3	1	F ,	51	310
1250	1177	*53	781	357	3)	21			55	319
1760	·3 15 Es	223	1114	294	132	4			25	244
1951	1272	761	612	549	246	53	5	2	33	304
1962	1002	954	344	474	75	11	4	3	179	344
1353	1316	1153	555	425	221	25	,	23	112	177
1964	1070	1050	725	357	114	47	1	34	સ 5	435
1965	1030	771	977	400	45	34	3	31	42	411
1966	1273	946	597	473	275	23	1	7	133	471
1967	453	1970	725	352	296	3	7	14	138	357
1966	1254	1137	595	357	201	10	4	1 3	35	313

4 - 2 - 1

HEATING DEGREE DAYS FROM HOURLY TOSERVATIONS

BASE TEMPERATURE 65

1	114 44 11 UTC	+ 5	ENBACKER (PERI	DD OF RE	ECORD: A	UG 42 -	FEB 88
1	***	400	YAY	JU1	JUL	AUG	SEP	act	γην	DEC	ANN
1	• • • • • •	• • • • • • •			• • • • • • • •	2 7	131	248	534	1365	2075
1	321	530	117	3	1	2	113	343	725	1035	5612
1	3.74	406	47	10		3	49	302	523	1164	5242
1	31:	293	217	54	4	2	23	338	50 7	1193	5251
ł	17	377	148	21		27	33	202	526	839	3786
1		383	211	29	7	-	115	90	725	1032	5564
1	1. 4g tr	295	161	- 5	•	?	50	412	527	967	5279
1	71.4	457	120	7		2	95				3025
1	714	457	112	ą		5	83	273	913	973	3625
ł	7-1	373	136	1		5	59	471	526	385	5021
ł		4 1 1	55	4		2	57	230	603	718	4725
1	. 1	254	250	22		2	30	329	653	1007	5029
į	• • /	244	94	35			29	325	752	1050	5214
į	773	465	179	41		10	107	199	541	742	5154
4	7.43	372	125	3		• "	65	409	539	881	5210
	1.77	367	138	23	1	Ę,	61	310	596	1267	5823
	' !	35.7	3 7	21			55	317	73.4	356	5252
	1114	>)4	192	4			.26	284	514	1215	5591
•	113	549	246	53	5	2	93	304	681	1029	5522
•		474	75	11	ÿ	3	179	344	596	1198	5933
٠		425	221	25	•	23	112	177	513	1336	5090
1	· · · · · · ·	357	114	47	1	34	ិនិ <u>ទ</u> ិ	435	602	994	5525
1	77	400	45	34	3	31	<u> 위 2</u>	411	653	864	5470
1	., 7.7	473	276	23	1	7	133	471	671	9 7 8	5955
į	1 3	352	296	3	7	14	138	357	309	910	5654
	4, 44.	357	201	10	4)	13	35	313	511	1927	5666

 •	1969 1970	1134 1343	889 986	872 866	365 354	140 113	43 7	9		109 47	358 253	76 63
	1972											
•	1973	1013	386	411	397	166			3	26	192	54
	1974	891	861	502	304	154	27			163	365	51
•	1975	961	839	843	549	96	19			117	310	49
-	1976	1205	740	546	403	133	ı		11	90	519	ر. در
	1977	1614	1046	544	259	69	32		• • •	30	353	ĵń
	1978	1378	1311	874	380	198	14		í	33	415	ร์ฯ
	1979	1290	1226	600	451	142	7		13	61	368	50
	1980	1013	1124	797	421	117	33			27	372	7 0
	1931	1243	350	735	260	133	õ			104	332	5 0
	1982	1252	937	725	578	65	69	4	40	115	278	56
	1983	1024	315	603	441	190	20	1		61	244	57
	1984	1256	799	929	413	220	1	1	2	125	159	67
	1985	1263	1055	633	282	128	42	1 .	2 2	84	235	47
	1986	1109	898	673	329	82	9		19	28	231	55
	1987	1017	830	625	372	80	5		3	37	447	49
	1998	1182	228		_							
	• • • • • • • •	• • • • • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •
	MEAN	1003	933	537	343	132	16	1	7	70	233	54
	GZ	395.11	312.50	277.41	144.93	75.21	17.62	2.62	10.34	44.90	132.13	214.9
					****	PL 30Y2	SUMMATIO	y (1951 -	-1990)**	**		
	мсД√	1955	998	589	353	143	19	1		71	317	50
	. 4 1	1957	,,,,	907	22.5	143		•	<i>-</i>	′ •		
	GZ	139.77	131.97	122.02	96.96	68.14	33.75	15.49	27.78	53.08	87.37	115.0

H + 2 - 14

12	365	140	43			109	358	766	1160	5836
25	354	113	7	9		47	253	632	835	5445
									38	38
11	397	166			3	26	192	545	895	4534
0.2	304	154	27			163	365	614	943	4915
43	549	96	13			117	310	494	907	5134
45	403	188	1		11	90	519	868	1141	5712
** **	259	69	32		9	30	353	569	1111	5641
74	380	198	14		ì	33	415	582	935	6121
3.0	451	142	7		13	61	368.	602	833	5593
47	421	117	33		,	27	372	704	975	5591
ŧ-)	260	183	5			104	332	603	980	5300
25	573	65	69	4	40	115	278	566	718	5347
5.5	441	190	20	1		61	244	574	1157	5130
133	413	220	1	1	2	125	159	670	791	5376
13	282	128	42	1	2	84	236	477	1130	5333
,73	329	82	•		19	28	231	554	942	4979
25	372	80	5		3	37	447	491	839	4746
										2030
	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •
3.7	345	132	16	1	7	70	233	569	359	
• 41	144.93	75.21	17.62	2.52	10.34	44.90	132.13	214.97	323.20	
	****5	PL 30YR	SUMMATIO	1 (1951	-1940)**	**				
· + F	353	143	19	t	5	71	317	605	930	
. 12	96.96	68.14	33.75	15.49	27.78	53.08	87.37	115.26	130.59	

H - 2 - 14

1

; 1

ì

OPERATING LOCATION WAW USAFSTAC, ASHEVILLE NO

COOLING DEGREE DAYS FROM HOURLY ORSERVATIONS

BASE TEMPERATURE 6

STATION NUMBER: 724235	STATION NAME: RICKENBACKER ANGB OH LST TO UTC: + 5	PERIOD OF RECORD:
------------------------	---	-------------------

		L S	טוט נון	• • •							
YEARS	VAL	Led	M75	4PR	чАҮ	NuL	JUL	AUS	ŞĘP	пст	40V
1942	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •	124	176	3	2
1943					82	361	367	298	105	4	
1944				2	193	329	382	355	118	18	
1945			3	3 8	24	203	280	270	193	5	
1946				4	26	209	30 8	142	193	15	4
1947				7	44	130	214	459	205	54	
1948			5	34	34	213	347	265	147		
1949					88	312	448	309	50		
1951				20	7 8	217	325	255	90	50	
1952				9	41	327	405	274	101	6	
1953				1	102	287	348	299	147	31	
1954				39	35	279	327	250	176	81	
1055				6	73	102	405	351	159	9	1
1956				6	80	233	275	262	71	5	
1957				53	83	240	322	263	125		_
1953				4	36	109	301	247	110	9	5
1959				2	155	251	346	40? 333	222 159	39 5	1
1960				34	46	178	242	277	1	7	
1961				5	19	109	226	208	197	4	
1952				11	127	166	204	211	60	22	
1253				9	16	151	234	131	44	11	
1964				5	55	179	256	191	93	,	
1965					111	146	197	194	112	1	
1965					19	225	334	178	47		
1967				11	10	217	219	140	40	15	
1958					17	186	286	30°	٩6	3?	

CODLING DEGREE DAYS FROM HOURLY DRSERVATIONS

7

BASE TEMPERATURE 65

I NAME: RICKENBACKER ANGE OH PERIOD OF RECORD: AUG 42 - FEB 88 UTC: + 5

		• • • • • • • •						
466	YAY	ากผ	JUL	AUS	SEB	OCT	VOV	DEC ANN
	•••••	• • • • • • •	• • • • • • • •	124	175	3 .	2	310
	82	361	367	298	105	4		1217
3	193	329	382	355	118	18		1398
81	24	203	280	270	193	5		99 7
4	25	209	30 8	142	103	15	4	811
7	44	130	214	459	205	54		1163
34	34	213	347	265	147	- •		1048
	88	312	448	309	50			1207
20	7 8	217	326	255	90	50		1036
9	41	327	406	274	101	6		1164
1	102	287	348	298	147	31		1214
39	35	279	327	250	176	81		1137
6	73	102	408	381	159	9	1	1139
6	80	233	275	262	71	5		932
53	83	240	322	263	125			1036
4	36	109	301	247	110	8	5	820
2	155	251	346	402	222	39	1	1428
34	48	178	242	333	159	5		1000
5	19	109	226	208	197	4		768
11	127	166	204	211	60	22		801
9	16	151	234	131	44	11		596
5	55	179	256	191	93	• •		779
	111	146	197	194	112	1		751
	19	225	334	178	47			803
11	10	217	219	140	40	15		652
• •	17	185	296	303	я6	32		915

H - 3 - 1

ı

:	1969 1970		16	63	181 173	30A 275	225 230	76 195	18 16	
	1973	<u> </u>	13	25	277	 335	324	1 78	31	
•	1974	14	19	7 7	127	317	249	33	5	
•••	1975			113	226	287	359	46	3	
•	1976	4.	27	35	201	285	131	37	1	,
	1977	10	36	184	203	382	253	161	2	
•	1978			68	235	268	249	186		
	1979		5	75	229	258	238	110	22	
	1980			93	154	361	371	174	8	
	1981		16	32	229	312	250	92	10	
•	1982			59	3 છે	217	96	63	39	
	1993	2	3	2.2	211	419	425	195	15	
	1984		9	35	279	235	278	95	15	
	1985	?	24	51	98	212	500	144	21	
	1936	1	20	113	237	376	245	193	36	
	1987	* * * * * * * * * * * * * * * * * * * *	15	152	274	367	327	119		
	MEAN	t	10	61	187	272	238	111	14	
	SD	2.95	12.58	49.09	91.57	113.29	103.26	62.83	17.21	2 • 9
			**** 5	PL 30YR	SUMMATIC	N (1951	-1980)**	is also also		
	MEAN	1	10	63	187	217	238	107	13	
	\$0	1.41	8.19	62.03	184.66	276.37	236.42	104.49	10.91	1.1

we will be a second of the sec

	16	111	181 173	30A 275	225 230		18 16			873 . 021	
r	13	25.	277	335	324	1 78	31			1188	
14	19	77 113	127 225	317 28 7	249 3 59		5	2·		841 1041	
		113	223	251	334	40	,	2		1041	
4	-27	- 35	201	285 -	131	37	<u>1</u> .	-		721 ·	
1)	36	184	203	382	253	161	2	7		1238	
		68	235	268	249					1007	
	5	75	229	258	239	110	22			937	
		93	154	361	371	174	8			1151	
	16	32	229	312	250	92	10			941	
		59	38	217	96	68	39	10	3	530	
2	3	22	211	419	425	195	15			1292	•
_	9	35	279	235	278	95	16	_		946	
?	24	51	98	212	200	144	21	5		757	
i	20	113	237	376	245		36			1221	
	15	152	274	367	327	118	• • • • • • • •			1260	
1	10	51	1.87	272	238	111	14	. 0	o		
1 16	12.58	49.09	91.57	113.29	103.26	62.83	17.21	2.03	•06		
	****5	PL 30YR	SUMMATIO	IN (1951	-1980)**	***					
i	10	63	187	277	238	107	13	2			
41	8.19	62.03	184.66	276.37	236.42	104.49	10.91	1.00			

	A A A A A A	AAAAAAAAAAAA OO AA OO AA OO AA OO AAAAAAAA	00 00 00 00 00 00 00 00	% ספטספספספספ ס פא סט אא סט אא סט אאא	Χ ΚΚ L	- K	KKKKKK KK KK KK K KK KK KK
		AAAAAAA DO	00 00	DD KKKKKK			KKKKK
	44	AA DD AA DD	00 00 60 00		K LL	KΚ	KK
	A A A A		00 00 0 00		K LL K LL	Κ Κ	KK
	4 A	AA 000000000	00000000		x LL K LLLLLLLLLL		KK L
	44	200000000 AA	000000000		K LLLLLLLLLLLL		KK LL
	•	111111 11	11 111 1111 11 11 11 11 11 11 11 11 1111	222222222 222222222222 22 22 22 22	55555555555555555555555555555555555555	56565666 566666666 56 565656566 566565666 56 66 6	5556 556 5656 55 5666 56
A A	END JUB 12 END JUB 12	56 ADUKEKE2 2 56 ADOKEKE2 2 56 ADOKEKE2 2	001 001 001 001 001 001	ETAC K.LYNN ETAC K.LYNN		200M 200M 200M	9.32.1 9.32.1 9.32.1 9.32.1
4	END 177 12	56 ADDKEKES S	001 001	ETAC K.LYTT			งว้าผ

En la martina de la martina

```
222222222
                                                               KK LL
                                                     КK
ססססככט
           000000000
                         ΚK
                                    KK LL
                         KK
                                                                                22222222222
                               KK LL
                                                             KK LL
פמסכטטטט
           0000000000
               DD KK KK LL
DD KK KK LL
DD KK KK LL
                                                     ΚK
                                                                                    22
    00
         90
                                                                                        22
                                                         KK
                                                                1.1
     00 00
                                                                                       22
    oo oo
                                                                              22 22
22
                                                KKKKKKK
   00 00
  סס כפ
                                                KKKKKKK
             רביים אאאאאגאגא
                                                             LL
                                LL
            00 KK
00 KK
00 KK
                                                     ΚK
                                                            LL
 00 CC
                                               ΚK
                         ΚK
                                LL
                                                                            22
                                                     ΚK
                                                           LL
פס כפ
                         ΚK
                               LL
                             LL
                                                                         22
                                                     ΚK
                                                          LL
                         КK
                                                     KK
KK
   nn
                                                    KK LILLLLLLLL 2222222222222
KK LILLLLLLLL 2222222222222
                            LLLELLLLLLLL KK
  000000000
                        ΚK
  20000000
               KK
                         KK LLLLLLLLLLL KK
                           55555555555
                                          5656566666
    11
              222222222
                                                                    AAAAAAAAA
             2222222222
                           55555555555
                                        666666666666
   111
                                                                     AA
                                                                              AA
                                               66
                           55
                                         56
  1111
             22
                      22
                                                                    AA
                       22
                           55
                                         66
    11
                                                                     AΑ
                                                                              ΔΔ
                                         55
                       22
    11
                           555555555
                                                                    AAAAAAAAAAA
                                         56666666666
                      22
    11
                                                                    ΑΔΑΔΑΔΑΔΑΔΑΔ
                           555555555
                                         66656566666
                    22
    11
                                                                              AA
                                    55
                                         66 65
    11
                  22
                                                                              AA
                                                                     ΔΔ
                22
                                     55
                                         65
                                                   66
    11
                                     55
                                                   66
                                                                    ΔΔ
                                                                              ΔΔ
              22
                                         66
    11
                           55555555555
                                         565655666666
                                                                    AΑ
 1111111111
             2222222222
             22222222222 5555555555
                                         6656565666
 1111111111
                    K.LYNN
                                                                                  IPO1 END A*
                                                     9.32.17 AM 21 MAR 89 PRT1
                                         MUCS
   001 001 ETAC
                                                     9.32.17 AM 21 MAR 89 PRT1
                                                                                  1901
1901
                                         ROOM
                                                                                        END
                                                                                             ٨٠
                    K.LYNN
   001 001 ETAC
                                                     9.32.17 AM 21 MAR 89 PRT1
                                                                                        END
                                                                                             Δ*
   301 001 ETAC
                    K.LYNN
                                         ROOM
                                                     9.32.17 AM 21 MAR 89 PRT1
                                                                                  1001
                    K.LYN'I
                                                                                        END
                                         ROOM
   001 001 ETAC
```